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**Manual on Series Available and Estimating Methods**  
**BLS Current Employment Statistics Program**      **COMPLETED**  
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This manual provides a summary of the characteristics used for the national employment, hours, and earnings series produced and published in the Current Employment Statistics (BLS-790) program. Items are shown in the following order:

1. SIC code, based on the 1987 Standard Industrial Classification Manual. Certain aggregations, such as total nonfarm, do not have corresponding SIC codes; others are combinations of several SIC codes.

2. 1987 SIC-based industry title.

3. BLS tabulation code: A unique code assigned to all CES series and aggregations.

4. The series produced for each primary industry and higher aggregation are indicated by the following letter codes. These indicate that a series is used either for publication or for weighting published series at a higher level. (Special derivative series, such as indexes of weekly payrolls and hours, are not indicated here.)

A = All employees; employment of women; and employment, average weekly hours, and average hourly and weekly earnings of production or nonsupervisory workers.

B = All employees and employment of women.

O = Average weekly overtime hours of production workers.

5. Series published are indicated in part by the same codes as those in the series produced column. Additional codes are:

C = All employees.

D = All employees; and employment, average weekly hours, and average hourly and weekly earnings of production or nonsupervisory workers.

E = All employees, average weekly hours, and average hourly and weekly earnings of nonsupervisory workers in the Class I railroad industry.

F = All employees, employment of women, and employment of production workers in the goods-producing industry.

X = Inadequate sample.

XX = Data do not meet BLS or State agency disclosure standards.

6. The beginning date of publication of the all-employee series. In most cases, the beginning date of publication of other data types is the same.

7. The March 1993 benchmark employment level. See the June 1994 issue of Employment and Earnings.

8. The March 1993 employment estimate projected from the March 1992 benchmark level.

9. The percent error  $[(7)-(8)]/(7)$ , is a comparison of the March 1993 benchmark level and the March 1993 employment estimate.

10. The extent of sample coverage is total employment in the sample divided by total employment in the universe, expressed as a percent.

11. The number of reports in the sample. Reports generally cover a single establishment, although some may cover multiple establishments. This total includes approximately 50,000 reporters who report only monthly employment levels. Their reports are used in the estimation of industry employment, but are excluded from the estimation of hours and earnings.

12. The method of estimating the employment series is shown by the following codes:

S = trend indicated by the sample reports.

P = pattern based on universe trend for previous years.

U = current universe counts.

K = level held constant between benchmarks.

- = summary cell.

13. The number and type of strata (estimating cells) used in preparing estimates for each primary industry. For primary industries that are not stratified, "1" is shown. For stratified industries, the total number of strata is given together with the following symbols to indicate type of stratification.

S = size stratification.

R = region stratification.

RS = region and size stratification.

For each industry which is an aggregation of primary industries, only the total number of estimating cells is shown. Subordinate aggregate cells are excluded from the count.

# Access Codes for BLS Data Base

All series described in table 1 are stored in BLS Monthly Establishment Series Data Bases (Macro Data Variable File - MACV) and are identified in the Employment and Earnings "Bookfile" according to the "tabulating code", "series code", "region code", "size code", and "seasonality code". Published series are stored in "LABSTAT" (a BLS data storage facility). LABSTAT series codes are similar to the codes reported in this table, but LABSTAT users should consult a current LABSTAT series directory and contents guide for the differences. Series codes are as follows:

## Series code Basic series

01	All employees
02	Employment of women
03	Employment of production or nonsupervisory workers %a
04	Average weekly earnings of production workers %a
05	Average weekly hours of production workers %a
06	Average hourly earnings of production workers %a
07	Average weekly overtime hours of production workers %a
97	Aggregate weekly hours %a
98	Aggregate weekly payrolls %a
99	Aggregate weekly overtime hours %a

## Derivative Series %b

40	Indexes of aggregate weekly hours
45	Indexes of aggregate weekly payrolls
49	Average hourly earnings, 1982 dollars
51	Average weekly earnings, 1982 dollars
60	Average hourly earnings, excluding overtime
65	Diffusion indexes, 1-month span, seasonally adjusted
66	Diffusion indexes, 3-month span, seasonally adjusted
67	Diffusion indexes, 6-month span, seasonally adjusted
68	Diffusion indexes, 12-month span, unadjusted
81	All employees, quarterly averages, seasonally adjusted
82	Average weekly hours, quarterly averages, seasonally adjusted
83	Average weekly overtime hours, quarterly averages, seasonally adjusted

%a The production or nonsupervisory worker classification corresponds to production workers in mining and manufacturing; construction workers in construction; and nonsupervisory workers in the private service-producing sector.

%b Available for selected industry categories.

The following codes should be used to obtain basic series for estimating cells of industries stratified by region and/or size. Stratification patterns vary among industries according to the needs of the sample design.

Region code	Estimating region
00	Total (all regions) or nonregion stratified
01	Northeast
02	Northeast and Midwest
03	Midwest
04	Northeast and South
05	South
06	Northeast and West
07	Midwest and South
08	West
09	Midwest and West
10	South and West
11	Northeast, Midwest, and South
12	Northeast, Midwest, and West
13	Northeast, South, and West
14	Midwest, South, and West

Size codes are "0" for all sizes or for nonsize stratified cells, otherwise, size codes of 1, 2, 3, 4, and sometimes 5 are used. The larger size codes correspond to higher ranges of employment per establishment.

Seasonally adjusted series are published and available in LABSTAT for major industry divisions and selected major industry groups (2-digit SIC) for series on all employees, employment of women, employment of production or nonsupervisory workers, average weekly hours, average hourly earnings, average weekly earnings, average weekly overtime hours, and indexes of aggregate weekly hours. Seasonally adjusted quarterly averages are available in LABSTAT for selected industries for series on all employees, average weekly hours, and average weekly overtime hours. The seasonality code for original series (not seasonally adjusted) is "3" and for adjusted series is "5".

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program

1987 SIC Code	Industry	BLS tabu- lating code	Basic series Pro-duced	Begin- ning Pub- lished pub. AE	Bench- mark employ- ment	March 1993					Est. No. and met- hod of strata	
						Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	Total nonfarm.....	00-0000	B	B	1939	108,935	108,672	0.2	40	330,320	-	1,703
	Total private.....	00-5000	A	A	1939	89,790	89,502	.3	32	301,060	-	1,648
	Goods-producing.....	00-5100	A	F	1939	22,754	22,467	1.3	45	89,289	-	707
10-14	Mining.....	10-0000	A	A	1939	603	590	2.2	43	3,883	-	25
10	Metal mining.....	10-1000	A	A	1939	51.0	51.2	-.4	65	218	-	5
101	Iron ores.....	10-1010	A	D	1947	8.7	8.7	0	93	18	-	1
1011	Iron ores.....	10-1011	A			8.7	8.7	0	93	18	S	1
102	Copper ores.....	10-1020	A	D	1947	15.3	15.0	2.0	62	23	-	1
1021	Copper ores.....	10-1021	A			15.3	15.0	2.0	62	23	S	1
103	Lead and zinc ores.....	10-1030	A	X		2.5	2.4	4.0	56	9	-	1
	Lead and zinc ores.....	10-1031	A			2.5	2.4	4.0	56	9	S	1
104	Gold and silver ores.....	10-1040	A	X		18.7	18.5	1.1	61	92	-	1
1041,4	Gold and silver ores.....	10-1044	A			18.7	18.5	1.1	61	92	S	1
106,8,9	Other metal ores and mining services.....	10-1090	A	X		5.8	6.6	-13.8	48	76	-	1
1061,81, 94,99	Other metal ores and mining services.....	10-1099	A			5.8	6.6	-13.8	48	76	S	1
12	Coal mining.....	10-1200	A	A	1958	117.8	113.5	3.7	45	438	-	5
122	Bituminous coal and lignite mining.....	10-1220	A	D	1939	110.4	105.8	4.2	46	369	-	4
1221	Bituminous coal and lignite-surface.....	10-1221	A	X		47.1	47.5	-.8	48	227	S	25
1222	Bituminous coal-underground.....	10-1222	A	X		63.3	58.3	7.9	44	142	S	25
123,4	Anthracite mining and coal mining services.....	10-1240	A	X		7.4	7.7	-4.1	43	69	-	1
1231,41	Anthracite mining and coal mining services.....	10-1241	A			7.4	7.7	-4.1	43	69	S	1
13	Oil and gas extraction.....	10-1300	A	A	1939	337.7	330.3	2.2	37	2,171	-	6
131	Crude petroleum and natural gas.....	10-1310	A	A	1947	172.1	166.9	3.0	47	1,101	-	3
1311	Crude petroleum and natural gas.....	10-1311	A			172.1	166.9	3.0	47	1,101	S	35
132	Natural gas liquids.....	10-1320	A	X		5.0	5.6	-12.0	14	20	-	1
1321	Natural gas liquids.....	10-1321	A			5.0	5.6	-12.0	14	20	S	1
138	Oil and gas field services.....	10-1380	A	A	1958	160.6	157.8	1.7	27	1,050	-	2
1381,2,9	Oil and gas field services.....	10-1389	A			160.6	157.8	1.7	27	1,050	S	25
14	Nonmetallic minerals, except fuels.....	10-1400	A	A	1939	96.1	95.1	1.0	48	1,056	-	9
142	Crushed and broken stone.....	10-1420	A	A	1958	35.7	35.2	1.4	47	404	-	1
1422,3,9	Crushed and broken stone.....	10-1429	A			35.7	35.2	1.4	47	404	S	1
144	Sand and gravel.....	10-1440	A	B	1958	29.5	29.2	1.0	35	442	-	4
1442,6	Sand and gravel.....	10-1446	A			29.5	29.2	1.0	35	442	S	4R
145	Clay, ceramic, and refractory minerals....	10-1450	A	X		7.5	7.3	2.7	71	51	-	1
1455,9	Clay, ceramic, and refractory minerals....	10-1459	A			7.5	7.3	2.7	71	51	S	1
147	Chemical and fertilizer minerals.....	10-1470	A	C	1972	14.1	14.5	-2.8	72	46	-	2
1474,5,9	Chemical and fertilizer minerals.....	10-1479	A			14.1	14.5	-2.8	72	46	S	25
141,8,9	Dimension stone and other nonmetallic minerals.....	10-1490	A	X		9.3	8.9	4.3	38	113	-	1

See footnotes at end of table.



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1987 SIC Code	Industry	BLS tabu- lating code	Basic series Begin-		Bench- mark employ- ment	March 1993					Est. No. and met- hod of strata	No. and type
			Pro- duced	Pub- lished		date of pub. AE	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1411,81,99	Dimension stone and other nonmetallic minerals.....	10-1499	A			9.3	8.9	4.3	38	113	S	1
15-17	Construction.....	20-0000	A	A	1939	4,177	4,109	1.6	20	26,404	-	105
15	General building contractors.....	20-1500	A	A	1958	1,024.9	983.2	4.1	18	6,344	-	11
152	Residential building construction.....	20-1520	A	A	1972	511.8	484.6	5.3	8	2,570	-	3
1521,2	Residential building construction.....	20-1522	A			511.8	484.6	5.3	8	2,570	S	35
153	Operative builders.....	20-1530	A	A	1958	26.5	25.6	3.4	27	239	-	2
1531	Operative builders.....	20-1531	A			26.5	25.6	3.4	27	239	S	25
154	Nonresidential building construction.....	20-1540	A	A	1972	486.6	473.0	2.8	28	3,535	-	6
1541,2	Nonresidential building construction.....	20-1542	A			486.6	473.0	2.8	28	3,535	S	6RS
16	Heavy construction, except building.....	20-1600	A	A	1972	612.7	612.2	.1	34	4,126	-	20
161	Highway and street construction.....	20-1610	A	A	1988	160.4	159.5	.6	47	1,470	-	8
1611	Highway and street construction.....	20-1611	A			160.4	159.5	.6	47	1,470	S	8RS
162	Heavy construction, except highway.....	20-1620	A	A	1972	452.3	452.7	-.1	30	2,656	-	12
1622	Bridge, tunnel, and elevated highway.....	20-1622	A	X		42.4	40.5	4.5	45	285	S	4R
1623	Water, sewer, and utility lines.....	20-1623	A	X		181.6	179.7	1.0	29	1,297	S	4R
1629	Heavy construction, nec.....	20-1629	A	X		228.3	232.5	-1.8	27	1,074	S	4R
17	Special trade contractors.....	20-1700	A	A	1972	2,539.3	2,513.1	1.0	18	15,934	-	74
171	Plumbing, heating, and air-conditioning...	20-1710	A	A	1958	592.0	581.5	1.8	21	4,093	-	8
1711	Plumbing, heating, and air-conditioning..	20-1711	A			592.0	581.5	1.8	21	4,093	S	8RS
172	Painting and paper hanging.....	20-1720	A	A	1958	137.3	140.8	-2.5	12	865	-	8
1721	Painting and paper hanging.....	20-1721	A			137.3	140.8	-2.5	12	865	S	8RS
173	Electrical work.....	20-1730	A	A	1958	491.4	480.9	2.1	22	2,993	-	3
1731	Electrical work.....	20-1731	A			491.4	480.9	2.1	22	2,993	S	35
174	Masonry, stonework, and plastering.....	20-1740	A	A	1972	342.6	352.4	-2.9	19	2,098	-	20
1741	Masonry and other stonework.....	20-1741	A	X		118.1	130.2	-10.2	14	723	S 1	8RS
1742	Plastering, drywall, and insulation.....	20-1742	A	X		194.4	194.9	-.3	22	1,145	S 1	8RS
1743	Terrazzo, tile, marble, and mosaic work..	20-1743	A	X		30.1	27.3	9.3	15	230	S 1	4R
175	Carpentry and floor work.....	20-1750	A	A	1972	173.9	159.2	8.5	9	770	-	3
1751	Carpentry work.....	20-1751	A	X		127.3	116.8	8.2	8	506	S	25
1752	Floor laying and floor work, nec.....	20-1752	A	X		46.6	42.4	9.0	11	264	S	1
176	Roofing, siding, and sheet metal work.....	20-1760	A	A	1958	175.3	172.7	1.5	19	1,332	-	8
1761	Roofing, siding, and sheet metal work....	20-1761	A			175.3	172.7	1.5	19	1,332	S	8RS
177	Concrete work.....	20-1770	A	X		166.0	165.1	.5	15	1,100	-	3
1771	Concrete work.....	20-1771	A			166.0	165.1	.5	15	1,100	S	35
178	Water well drilling.....	20-1780	A	X		18.5	17.3	6.5	16	242	-	1
1781	Water well drilling.....	20-1781	A			18.5	17.3	6.5	16	242	S	1
179	Miscellaneous special trade contractors...	20-1790	A	X		442.3	443.2	-.2	15	2,441	-	20
1791	Structural steel erection.....	20-1791	A	X		56.4	60.0	-6.4	21	361	S 1	4R
1793	Glass and glazing work.....	20-1793	A	X		32.0	30.8	3.8	17	274	S 1	4R
1794	Excavation work.....	20-1794	A	X		93.0	96.3	-3.5	14	616	S 1	4R
1795,6,9	Wrecking, demolition, and other special trade contractors.....	20-1799	A	X		260.9	256.1	1.8	14	1,190	S 1	8RS

See footnotes at end of table.

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						Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
20-39	Manufacturing.....	30-0000	AO	AO	1939	17,974	17,768	1.1	51	59,002	-	577
24,25,32-39	Durable goods.....	31-0000	AO	AO	1939	10,192	10,064	1.3	53	34,520	-	331
24	Lumber and wood products.....	31-2400	AO	AO	1947	688.7	671.3	2.5	41	4,221	-	26
241	Logging.....	31-2410	AO	AO	1947	75.7	72.3	4.5	15	517	-	3
2411	Logging.....	31-2411	AO			75.7	72.3	4.5	15	517	S	3R
242	Sawmills and planing mills.....	31-2420	AO	AO	1947	179.6	175.2	2.4	46	1,178	-	5
2421	Sawmills and planing mills, general.....	31-2421	AO	AO	1958	143.1	139.7	2.4	47	958	S	35
2426	Hardwood dimension and flooring mills....	31-2426	AO	DO	1972	34.4	33.4	2.9	44	193	S	1
2429	Special product sawmills, nec.....	31-2429	AO	X		2.1	2.1	0	24	27	S	1
243	Millwork, plywood, and structural members.	31-2430	AO	AO	1972	245.6	240.8	2.0	44	1,321	-	7
2431	Millwork.....	31-2431	AO	DO	1972	101.4	100.4	1.0	47	535	S	25
2434	Wood kitchen cabinets.....	31-2434	AO	DO	1972	67.3	67.1	.3	35	383	S	1
2435	Hardwood veneer and plywood.....	31-2435	AO	DO	1972	23.3	22.5	3.4	51	119	S	2R
2436	Softwood veneer and plywood.....	31-2436	AO	DO	1972	28.4	27.3	3.9	60	89	S	1
2439	Structural wood members, nec.....	31-2439	AO	X		25.2	23.5	6.7	35	195	S	1
244	Wood containers.....	31-2440	AO	AO	1972	44.7	43.0	3.8	34	436	-	4
2441	Nailed wood boxes and shooks.....	31-2441	AO	X		3.9	3.3	15.4	36	47	S	25
2448	Wood pallets and skids.....	31-2448	AO	X		33.6	32.2	4.2	30	326	S	1
2449	Wood containers, nec.....	31-2449	AO	X		7.2	7.5	-4.2	53	63	S	1
245	Wood buildings and mobile homes.....	31-2450	AO	AO	1972	60.0	58.4	2.7	42	205	-	3
2451	Mobile homes.....	31-2451	AO	DO	1972	44.5	42.7	4.0	44	111	S	1
2452	Prefabricated wood buildings.....	31-2452	AO	X		15.5	15.7	-1.3	37	94	S	2
249	Miscellaneous wood products.....	31-2490	AO	AO	1972	83.1	81.6	1.8	47	564	-	4
2491	Wood preserving.....	31-2491	AO	X		11.1	11.1	0	43	119	S	1
2493	Reconstituted wood products.....	31-2493	AO	X		17.6	16.4	6.8	61	82	S	1
2499	Wood products, nec.....	31-2499	AO	X		54.4	54.1	.6	43	363	S	25
25	Furniture and fixtures.....	31-2500	AO	AO	1947	482.5	477.4	1.1	53	1,864	-	16
251	Household furniture.....	31-2510	AO	AO	1972	279.2	274.3	1.8	56	934	-	7
2511	Wood household furniture.....	31-2511	AO	AO	1972	123.3	123.0	.2	58	366	S	2R
2512	Upholstered household furniture.....	31-2512	AO	AO	1972	92.1	88.6	3.8	59	264	S	25
2514	Metal household furniture.....	31-2514	AO	DO	1972	21.7	20.0	7.8	52	66	S	1
2515	Mattresses and bedsprings.....	31-2515	AO	AO	1958	29.1	29.2	-.3	41	189	S	1
2517,9	Wood television and radio cabinets, and household furniture, nec.....	31-2519	AO	X		13.0	13.5	-3.8	48	49	S	1
252	Office furniture.....	31-2520	AO	AO	1958	59.4	60.6	-2.0	55	201	-	2
2521	Wood office furniture.....	31-2521	AO	X		26.5	26.5	0	58	130	S	1
2522	Office furniture, except wood.....	31-2522	AO	X		32.9	34.1	-3.6	53	71	S	1
253	Public building and related furniture....	31-2530	AO	AO	1958	36.4	34.7	4.7	49	123	-	1
2531	Public building and related furniture....	31-2531	AO			36.4	34.7	4.7	49	123	S	1
254	Partitions and fixtures.....	31-2540	AO	AO	1958	73.3	74.5	-1.6	45	421	-	4
2541	Wood partitions and fixtures.....	31-2541	AO	X		39.7	39.3	1.0	37	283	S	25
2542	Partitions and fixtures, except wood....	31-2542	AO	X		33.6	35.2	-4.8	55	138	S	25
259	Miscellaneous furniture and fixtures.....	31-2590	AO	AO	1958	34.2	33.3	2.6	50	185	-	2
2591	Drapery hardware and blinds and shades...	31-2591	AO	X		18.7	19.0	-1.6	50	95	S	1

See footnotes at end of table.

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			Pro- duced	Pub- lished		Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2599	Furniture and fixtures, nec.....	31-2599	AO	X		15.5	14.3	7.7	50	90	S	1
32	Stone, clay, and glass products.....	31-3200	AO	AO	1939	502.0	498.4	.7	49	3,074	-	31
321	Flat glass.....	31-3210	AO	DO	1951	14.3	13.9	2.8	52	29	-	1
3211	Flat glass.....	31-3211	AO			14.3	13.9	2.8	52	29	S	1
322	Glass and glassware, pressed or blown.....	31-3220	AO	AO	1951	77.8	79.0	-1.5	63	136	-	2
3221	Glass containers.....	31-3221	AO	AO	1958	35.8	35.6	.6	55	53	S	1
3229	Pressed and blown glass, nec.....	31-3229	AO	AO	1958	42.0	43.4	-3.3	71	83	S	1
323	Products of purchased glass.....	31-3230	AO	AO	1972	59.0	58.2	1.4	44	213	-	2
3231	Products of purchased glass.....	31-3231	AO			59.0	58.2	1.4	44	213	S	2R
324	Cement, hydraulic.....	31-3240	AO	AO	1939	17.6	16.6	5.7	55	86	-	1
3241	Cement, hydraulic.....	31-3241	AO			17.6	16.6	5.7	55	86	S	1
325	Structural clay products.....	31-3250	AO	AO	1939	31.7	30.7	3.2	56	206	-	3
3251	Brick and structural clay tile.....	31-3251	AO	X		14.0	13.7	2.1	61	120	S	1
3255	Clay refractories.....	31-3255	AO	X		5.8	6.0	-3.4	43	41	S	1
3255,9	Ceramic tile and structural clay products, nec.....	31-3259	AO	X		11.9	11.0	7.6	57	45	S	1
326	Pottery and related products.....	31-3260	AO	AO	1947	38.7	37.6	2.8	61	160	-	4
3261	Vitreous plumbing fixtures.....	31-3261	AO	X		9.4	9.2	2.1	80	26	S	1
3262,3	Vitreous and semivitreous table and kitchenware.....	31-3263	AO	X		5.0	5.0	0	64	8	S	1
3264	Porcelain electrical supplies.....	31-3264	AO	X		9.8	10.2	-4.1	80	44	S	1
3269	Pottery products, nec.....	31-3269	AO	X		14.5	13.2	9.0	34	82	S	1
327	Concrete, gypsum, and plaster products....	31-3270	AO	AO	1958	176.3	176.3	0	40	1,749	-	8
3271	Concrete block and brick.....	31-3271	AO	DO	1972	15.4	15.5	-.6	37	236	S	3R5
3272	Concrete products, nec.....	31-3272	AO	DO	1972	60.7	60.5	.3	40	590	S	1
3273	Ready-mixed concrete.....	31-3273	AO	DO	1972	83.5	83.5	0	36	820	S	25
3274	Lime.....	31-3274	AO	X		4.9	5.0	-2.0	67	35	S	1
3275	Gypsum products.....	31-3275	AO	X		11.8	11.8	0	60	68	S	1
328	Cut stone and stone products.....	31-3280	AO	X		13.1	12.9	1.5	30	154	-	3
3281	Cut stone and stone products.....	31-3281	AO			13.1	12.9	1.5	30	154	S	3R
329	Miscellaneous nonmetallic mineral products	31-3290	AO	AO	1988	73.5	73.2	.4	49	341	-	7
3291	Abrasive products.....	31-3291	AO	DO	1958	19.4	19.4	0	55	29	S	25
3292	Asbestos products.....	31-3292	AO	DO	1972	3.0	3.0	0	60	16	S	1
3295	Minerals, ground or treated.....	31-3295	AO	X		12.2	13.0	-6.6	39	80	S	1
3296	Mineral wool.....	31-3296	AO	C	1972	21.9	21.1	3.7	58	68	S	1
3297	Nonclay refractories.....	31-3297	AO	X		8.7	9.1	-4.6	48	36	S	1
3299	Nonmetallic mineral products, nec.....	31-3299	AO	X		8.3	7.6	8.4	25	52	S	1
33	Primary metal industries.....	31-3300	AO	AO	1947	682.3	678.9	.5	60	2,030	-	30
331	Blast furnaces and basic steel products...	31-3310	AO	AO	1939	240.0	239.5	.2	60	400	-	6
3312	Blast furnaces and steel mills.....	31-3312	AO	AO	1958	175.8	176.3	-.3	64	155	S	1
3313	Electrometallurgical products.....	31-3313	AO	X		6.0	6.4	-6.7	75	21	S	1
3315	Steel wire and related products.....	31-3315	AO	X		17.1	16.3	4.7	45	69	S	1
3316	Cold finishing of steel shapes.....	31-3316	AO	X		15.7	15.4	1.9	46	64	S	1
3317	Steel pipe and tubes.....	31-3317	AO	DO	1972	25.4	25.1	1.2	48	91	S	25

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program

1987 SIC Code	Industry	BLS tabu- lating code	Basic series Begin-			March 1993						Est. No. and met- type hod of strata
			Pro- duced	Pub- lished	date of pub. AE	Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
332	Iron and steel foundries.....	31-3320	A0	A0	1939	119.4	118.6	.7	68	415	-	5
3321	Gray and ductile iron foundries.....	31-3321	A0	A0	1958	75.4	75.0	.5	72	279	S	25
3322	Malleable iron foundries.....	31-3322	A0	A0	1958	5.2	5.7	-9.6	65	08	S	1
3324	Steel investment foundries.....	31-3324	A0	X		14.4	13.7	4.9	69	41	S	1
3325	Steel foundries, nec.....	31-3325	A0	A0	1972	24.4	24.2	.8	56	87	S	1
333	Primary nonferrous metals.....	31-3330	A0	A0	1958	42.4	43.1	-1.7	78	63	-	3
3331	Primary copper.....	31-3331	A0	X		5.4	5.6	-3.7	69	9	S	1
3334	Primary aluminum.....	31-3334	A0	A0	1964	24.6	25.1	-2.0	80	21	S	1
3339	Primary nonferrous metals, nec.....	31-3339	A0	X		12.4	12.4	0	79	33	S	1
334	Secondary nonferrous metals.....	31-3340	A0	X		14.5	14.8	-2.1	38	94	-	1
3341	Secondary nonferrous metals.....	31-3341	A0			14.5	14.8	-2.1	38	94	S	1
335	Nonferrous rolling and drawing.....	31-3350	A0	A0	1958	160.8	160.4	.2	62	379	-	6
3351	Copper rolling and drawing.....	31-3351	A0	A0	1958	21.9	22.6	-3.2	71	73	S	1
3353	Aluminum sheet, plate, and foil.....	31-3353	A0	A0	1972	24.6	23.8	3.3	75	43	S	1
3354	Aluminum extruded products.....	31-3354	A0	X		27.6	27.4	.7	53	64	S	1
3355,6	Aluminum and nonferrous rolling and drawing, nec.....	31-3356	A0	X		18.5	18.3	1.1	71	53	S	1
3357	Nonferrous wire drawing and insulating...	31-3357	A0	A0	1958	68.2	68.3	-.1	54	146	S	25
336	Nonferrous foundries (castings).....	31-3360	A0	A0	1947	78.7	76.8	2.4	49	476	-	7
3363	Aluminum die-castings.....	31-3363	A0	X		30.4	29.2	3.9	49	116	S	25
3364	Nonferrous die-castings, except aluminum.	31-3364	A0	X		10.9	10.7	1.8	45	65	S	1
3365	Aluminum foundries.....	31-3365	A0	D0	1988	22.3	22.1	.9	48	169	S	25
3366	Copper foundries.....	31-3366	A0	X		9.0	9.4	-4.4	57	101	S	1
3369	Nonferrous foundries, nec.....	31-3369	A0	X		6.1	5.4	11.5	43	25	S	1
339	Miscellaneous primary metal products.....	31-3390	A0	X		26.5	25.7	3.0	40	203	-	2
3398	Metal heat treating.....	31-3398	A0	X		15.3	15.0	2.0	32	151	S	1
3399	Primary metal products, nec.....	31-3399	A0	X		11.2	10.7	4.5	50	52	S	1
34	Fabricated metal products.....	31-3400	A0	A0	1947	1,329.9	1,307.9	1.7	46	6,294	-	46
341	Metal cans and shipping containers.....	31-3410	A0	A0	1958	42.1	43.0	-2.1	50	172	-	2
3411	Metal cans .....	31-3411	A0	A0	1947	33.9	34.4	-1.5	50	121	S	1
3412	Metal barrels, drums, and pails.....	31-3412	A0	X		8.2	8.6	-4.9	48	51	S	1
342	Cutlery, handtools, and hardware.....	31-3420	A0	A0	1947	123.0	122.4	.5	60	445	-	5
3421	Cutlery.....	31-3421	A0	X		11.4	11.5	-.9	82	34	S	1
3423,5	Hand and edge tools, and blades and handsaws.....	31-3425	A0	A0	1972	41.9	41.0	2.1	63	179	S	25
3429	Hardware, nec.....	31-3429	A0	A0	1958	69.7	69.9	-.3	56	232	S	25
343	Plumbing and heating, except electric.....	31-3430	A0	A0	1972	55.8	55.6	-1.4	50	186	-	3
3431	Metal sanitary ware.....	31-3431	A0	X		13.2	13.2	0	29	24	S	1
3432	Plumbing fixture fittings and trim.....	31-3432	A0	D0	1972	24.8	25.0	-.8	64	73	S	1
3433	Heating equipment, except electric.....	31-3433	A0	D0	1972	17.8	18.4	-3.4	47	89	S	1
344	Fabricated structural metal products.....	31-3440	A0	A0	1972	388.0	381.0	1.8	38	2,373	-	11
3441	Fabricated structural metal .....	31-3441	A0	A0	1958	67.0	66.2	1.2	35	449	S	1
3442	Metal doors, sash, and trim.....	31-3442	A0	A0	1958	68.4	67.2	1.8	46	316	S	25
3443	Fabricated plate work (boiler shops).....	31-3443	A0	AC	1958	98.3	96.7	1.6	42	537	S	1
3444	Sheet metal work.....	31-3444	A0	A0	1958	94.6	90.2	4.7	32	650	S	25
3446	Architectural metal work.....	31-3446	A0	D0	1972	25.6	25.3	1.2	32	231	S	1

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1987 SIC Code	Industry	BLS tabu- lating code	Basic series Pro- duced	Begin- ning Pub- lished	date of pub. AE	March 1993					Est. No. and met- hod of strata	type of strata
						Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
3448	Prefabricated metal buildings.....	31-3448	AO	X		21.6	22.6	-4.6	33	99	S	25
3449	Miscellaneous metal work.....	31-3449	AO	X		12.5	12.8	-2.4	43	91	S	25
345	Screw machine products, bolts, etc.....	31-3450	AO	AO	1958	91.4	89.6	2.0	38	505	-	3
3451	Screw machine products.....	31-3451	AO	AO	1958	45.5	45.1	.9	31	318	S	25
3452	Bolts, nuts, rivets, and washers.....	31-3452	AO	AO	1958	45.9	44.5	3.1	45	187	S	1
346	Metal forgings and stampings.....	31-3460	AO	AO	1972	220.8	217.8	1.4	54	744	-	6
3462	Iron and steel forgings.....	31-3462	AO	AO	1958	29.1	28.9	.7	57	120	S	1
3465	Automotive stampings.....	31-3465	AO	AO	1972	100.9	98.8	2.1	61	181	S	25
3463,6	Nonferrous forgings, crowns, and closures.....	31-3466	AO	X		11.2	11.6	-3.6	54	25	S	1
3469	Metal stampings, nec.....	31-3469	AO	AO	1972	79.6	78.5	1.4	44	418	S	25
347	Metal services, nec.....	31-3470	AO	AO	1958	116.6	114.5	1.8	28	724	-	2
3471	Plating and polishing.....	31-3471	AO	AO	1972	72.7	71.6	1.5	28	476	S	1
3479	Metal coating and allied services.....	31-3479	AO	AO	1972	43.9	42.9	2.3	27	248	S	1
348	Ordnance and accessories, nec.....	31-3480	AO	AO	1972	61.1	60.6	.8	85	94	-	2
3483	Ammunition, except for small arms, nec...	31-3483	AO	DO	1964	37.0	36.9	.3	79	34	S	1
3482,4,9	Small arms, small arms ammunition, and other ordnance and accessories, nec....	31-3489	AO	X		24.1	23.7	1.7	95	60	S	1
349	Miscellaneous fabricated metal products...	31-3490	AO	AO	1972	231.1	222.4	3.8	45	1,051	-	12
3491	Industrial valves.....	31-3491	AO	X		25.2	26.2	-4.0	55	102	S	1
3492	Fluid power valves and hose fittings.....	31-3492	AO	X		27.2	26.1	4.0	51	101	S	25
3493	Steel springs, except wire.....	31-3493	AO	X		4.8	5.0	-4.2	29	22	S	1
3494	Valves and pipe fittings, nec.....	31-3494	AO	AO	1988	25.1	24.1	4.0	54	101	S	25
3495	Wire springs.....	31-3495	AO	X		13.5	13.5	0	40	81	S	1
3496	Miscellaneous fabricated wire products...	31-3496	AO	AO	1972	53.1	51.2	3.6	43	265	S	25
3498	Fabricated pipe and fittings.....	31-3498	AO	X		26.7	25.3	5.2	43	135	S	1
3497,9	Metal foil and leaf, and fabricated metal products, nec.....	31-3499	AO	X		55.5	51.0	8.1	40	244	S	25
35	Industrial machinery and equipment.....	31-3500	AO	AO	1947	1,927.8	1,908.1	1.0	46	7,240	-	65
351	Engines and turbines.....	31-3510	AO	AO	1958	87.0	87.9	-1.0	71	97	-	2
3511	Turbines and turbine generator sets.....	31-3511	AO	AO	1958	28.1	28.4	-1.1	67	29	S	1
3519	Internal combustion engines, nec.....	31-3519	AO	AO	1958	58.9	59.5	-1.0	73	68	S	1
352	Farm and garden machinery.....	31-3520	AO	AO	1972	100.2	99.2	1.0	60	421	-	3
3523	Farm machinery and equipment.....	31-3523	AO	AO	1972	73.0	71.3	2.3	55	378	S	25
3524	Lawn and garden equipment.....	31-3524	AO	X		27.2	27.9	-2.6	74	43	S	1
353	Construction and related machinery.....	31-3530	AO	AO	1958	207.1	205.7	.7	53	781	-	10
3531	Construction machinery.....	31-3531	AO	AO	1972	76.7	77.5	-1.0	67	205	S	25
3532	Mining machinery.....	31-3532	AO	DO	1972	15.7	15.5	1.3	59	79	S	1
3533	Oil and gas field machinery.....	31-3533	AO	AO	1958	37.7	37.0	1.9	36	138	S	25
3534	Elevators and moving stairways.....	31-3534	AO	X		9.6	9.4	2.1	54	31	S	1
3535	Conveyors and conveying equipment.....	31-3535	AO	DO	1972	34.3	33.5	2.3	40	163	S	1
3536	Hoists, cranes, and monorails.....	31-3536	AO	X		7.3	7.6	-4.1	30	33	S	1
3537	Industrial trucks and tractors.....	31-3537	AO	DO	1972	25.8	25.2	2.3	54	132	S	25
354	Metalworking machinery.....	31-3540	AO	AO	1958	307.1	305.3	.6	35	1,651	-	11
3541	Machine tools, metal cutting types.....	31-3541	AO	AO	1958	36.8	36.8	0	45	174	S	25
3542	Machine tools, metal forming types.....	31-3542	AO	DO	1972	15.4	15.1	1.9	44	79	S	1

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1987 SIC Code	Industry	BLS tabu- lating code	Basic series		Begin- ning date of pub. AE	March 1993					Est. No. and met- hod of strata	
			Pro- duced	Pub- lished		Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
3543	Industrial patterns.....	31-3543	A0	X		8.1	8.6	-6.2	20	83	S	1
3544	Special dies, tools, jigs, and fixtures..	31-3544	A0	A0	1958	143.4	141.3	1.5	25	872	S	25
3545	Machine tool accessories.....	31-3545	A0	A0	1958	48.9	48.6	.6	41	280	S	25
3546	Power driven handtools.....	31-3546	A0	D0	1972	23.4	23.4	0	58	56	S	1
3548	Welding apparatus.....	31-3548	A0	X		18.0	18.3	-1.7	57	45	S	1
3547,9	Rolling mill and metalworking machinery, nec.....	31-3549	A0	X		13.1	13.2	-.8	33	62	S	1
355	Special industry machinery.....	31-3550	A0	A0	1958	148.3	145.9	1.6	46	815	-	9
3552	Textile machinery.....	31-3552	A0	A0	1958	15.4	15.5	-.6	57	134	S	25
3553	Woodworking machinery.....	31-3553	A0	X		8.7	8.1	6.9	46	73	S	1
3554	Paper industries machinery.....	31-3554	A0	X		19.3	19.1	1.0	60	85	S	1
3555	Printing trades machinery.....	31-3555	A0	A0	1958	21.6	21.0	2.8	47	104	S	1
3556	Food products machinery.....	31-3556	A0	D0	1988	22.9	22.8	.4	43	145	S	25
3559	Special industry machinery, nec.....	31-3559	A0	X		60.4	59.4	1.7	39	274	S	25
356	General industrial machinery.....	31-3560	A0	A0	1972	236.3	233.3	1.3	48	938	-	14
3561	Pumps and pumping equipment.....	31-3561	A0	A0	1988	31.1	30.7	1.3	56	128	S	1
3562	Ball and roller bearings.....	31-3562	A0	A0	1958	37.7	37.0	1.9	53	66	S	1
3563	Air and gas compressors.....	31-3563	A0	D0	1972	25.3	25.1	.8	52	71	S	25
3564	Blowers and fans.....	31-3564	A0	D0	1964	31.7	30.9	2.5	44	141	S	1
3565	Packaging machinery.....	31-3565	A0	X		19.8	18.8	5.1	48	107	S	25
3566	Speed changers, drives, and gears.....	31-3566	A0	D0	1972	15.4	16.1	-4.5	51	70	S	1
3567	Industrial furnaces and ovens.....	31-3567	A0	X		15.6	15.7	-.6	49	98	S	25
3568	Power transmission equipment, nec.....	31-3568	A0	D0	1972	18.9	19.3	-2.1	54	78	S	25
3569	General industrial machinery, nec.....	31-3569	A0	X		40.8	39.7	2.7	35	179	S	25
357	Computer and office equipment.....	31-3570	A0	A0	1958	368.4	369.7	-.4	48	359	-	6
3571	Electronic computers.....	31-3571	A0	A0	1988	223.7	218.9	2.1	48	130	S	25
3572	Computer storage devices.....	31-3572	A0	X		38.0	40.5	-6.6	62	37	S	1
3577	Computer peripheral equipment, nec.....	31-3577	A0	X		53.0	53.6	-1.1	54	123	S	25
3575,8,9	Computer terminals, calculators, and office machines, nec.....	31-3579	A0	A0	1988	53.7	56.7	-5.6	34	69	S	1
358	Refrigeration and service machinery.....	31-3580	A0	A0	1958	176.2	174.5	1.0	57	489	-	5
3581	Automatic vending machines.....	31-3581	A0	X		7.1	8.0	-12.7	48	19	S	1
3582	Commercial laundry equipment.....	31-3582	A0	X		5.5	5.4	1.8	44	22	S	1
3585	Refrigeration and heating equipment.....	31-3585	A0	A0	1972	120.7	119.0	1.4	61	255	S	25
3586,9	Measuring and dispensing pumps, and service industry machinery, nec.....	31-3589	A0	X		42.9	42.1	1.9	48	193	S	1
359	Miscellaneous industrial and commercial machinery.....	31-3590	A0	A0	1972	297.2	286.6	3.6	29	1,689	-	5
3592	Carburetors, pistons, rings, valves.....	31-3592	A0	D0	1972	20.3	20.5	-1.0	56	51	S	25
3593	Fluid power cylinders and actuators.....	31-3593	A0	X		16.3	16.6	-1.8	48	95	S	1
3594	Fluid power pumps and motors.....	31-3594	A0	X		26.3	25.5	3.0	65	75	S	1
3596,9	Scales, balances, and industrial machinery, nec.....	31-3599	A0	A0	1982	234.3	224.0	4.4	22	1,468	S	1
36	Electronic and other electrical equipment..	31-3600	A0	A0	1939	1,522.8	1,515.6	.5	50	3,365	-	48
361	Electric distribution equipment.....	31-3610	A0	A0	1958	81.8	81.9	-.1	61	267	-	4

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			Pro- duced	Pub- lished		Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
3612	Transformers, except electronic.....	31-3612	A0	A0	1958	41.5	40.9	1.4	64	120	S	25
3613	Switchgear and switchboard apparatus.....	31-3613	A0	A0	1958	40.3	41.0	-1.7	58	147	S	25
362	Electrical industrial apparatus.....	31-3620	A0	A0	1958	152.7	156.7	-2.6	52	440	-	5
3621	Motors and generators.....	31-3621	A0	A0	1958	74.7	78.1	-4.6	53	182	S	1
3624	Carbon and graphite products.....	31-3624	A0	X		9.3	9.4	-1.1	65	33	S	1
3625	Relays and industrial controls.....	31-3625	A0	A0	1988	59.2	59.2	0	50	188	S	25
3629	Electrical industrial apparatus, nec.....	31-3629	A0	X		9.5	10.0	-5.3	41	37	S	1
363	Household appliances.....	31-3630	A0	A0	1958	118.0	120.2	-1.9	64	140	-	6
3631	Household cooking equipment.....	31-3631	A0	X		21.1	19.9	5.7	56	18	S	1
3632	Household refrigerators and freezers.....	31-3632	A0	A0	1958	28.8	27.4	4.9	56	15	S	1
3633	Household laundry equipment.....	31-3633	A0	A0	1958	15.7	18.0	-14.6	10	14	S	1
3634	Electric housewares and fans.....	31-3634	A0	A0	1958	26.8	29.0	-8.2	57	65	S	25
3635,9	Household vacuum cleaners and appliances, nec.....	31-3639	A0	X		25.6	25.9	-1.2	60	28	S	1
364	Electric lighting and wiring equipment....	31-3640	A0	A0	1958	172.5	173.6	-0.6	50	494	-	9
3641	Electric lamps.....	31-3641	A0	A0	1972	21.9	20.9	4.6	35	32	S	1
3643	Current-carrying wiring devices.....	31-3643	A0	A0	1972	61.7	63.8	-3.4	61	170	S	25
3644	Noncurrent-carrying wiring devices.....	31-3644	A0	D0	1972	19.0	19.2	-1.1	41	64	S	2
3645	Residential lighting fixtures.....	31-3645	A0	D0	1972	19.5	20.8	-6.7	33	73	S	1
3646	Commercial lighting fixtures.....	31-3646	A0	X		22.8	22.0	3.5	39	68	S	1
3647	Vehicular lighting equipment.....	31-3647	A0	X		17.6	17.2	2.3	77	42	S	1
3648	Lighting equipment, nec.....	31-3648	A0	X		10.0	9.7	3.0	49	45	S	1
365	Household audio and video equipment.....	31-3650	A0	A0	1958	81.0	81.3	-0.4	51	175	-	3
3651	Household audio and video equipment.....	31-3651	A0	A0	1972	57.6	56.4	2.1	58	123	S	25
3652	Prerecorded records and tapes.....	31-3652	A0	X		23.4	24.9	-6.4	35	52	S	1
366	Communications equipment.....	31-3660	A0	A0	1988	238.4	232.8	2.3	38	415	-	4
3661	Telephone and telegraph apparatus.....	31-3661	A0	A0	1988	110.7	106.9	3.4	40	129	S	25
3663	Radio and television communications equipment.....	31-3663	A0	X		102.9	102.6	.3	35	182	S	1
3669	Communications equipment, nec.....	31-3669	A0	X		24.8	23.3	6.0	40	104	S	1
367	Electronic components and accessories.....	31-3670	A0	A0	1958	528.7	520.7	1.5	49	1,091	-	11
3671	Electron tubes.....	31-3671	A0	A0	1988	25.4	24.5	3.5	61	36	S	25
3672	Printed circuit boards.....	31-3672	A0	X		99.8	97.8	2.0	30	252	S	25
3674	Semiconductors and related devices.....	31-3674	A0	A0	1972	214.2	214.8	-0.3	60	187	S	1
3675	Electronic capacitors.....	31-3675	A0	X		19.6	18.9	3.6	48	44	S	1
3676	Electronic resistors.....	31-3676	A0	X		10.1	9.5	5.9	40	36	S	1
3677	Electronic coils and transformers.....	31-3677	A0	X		17.4	17.0	2.3	45	96	S	1
3678	Electronic connectors.....	31-3678	A0	X		15.6	16.1	-3.2	42	48	S	1
3679	Electronic components, nec.....	31-3679	A0	A0	1988	126.6	122.1	3.6	45	392	S	25
369	Miscellaneous electrical equipment and supplies.....	31-3690	A0	A0	1988	149.7	148.4	.9	54	343	-	6
3691	Storage batteries.....	31-3691	A0	D0	1972	25.1	24.2	3.6	61	54	S	1
3692	Primary batteries, dry and wet.....	31-3692	A0	X		11.3	12.4	-9.7	51	21	S	1
3694	Engine electrical equipment.....	31-3694	A0	A0	1947	64.1	61.8	3.6	59	125	S	25
3695,9	Magnetic and optical recording media, and electrical equipment and supplies, nec..	31-3699	A0	X		49.2	50.0	-1.6	46	143	S	25

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program

1987 SIC Code	Industry	BLS tabu- lating code	Basic series Pro- duced	Begin- ning date of pub. AE	March 1993						Est. No. and type of strata	
					Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
37	Transportation equipment.....	31-3700	AO	AO	1939	1,775.2	1,751.3	1.3	72	2,569	-	25
371	Motor vehicles and equipment.....	31-3710	AO	AO	1939	825.7	813.4	1.5	69	1,204	-	6
3711	Motor vehicles and car bodies.....	31-3711	AO	AO	1958	318.9	315.7	1.0	81	139	S	1
3713	Truck and bus bodies.....	31-3713	AO	AO	1958	34.1	34.2	-.3	65	180	S	1
3714	Motor vehicle parts and accessories.....	31-3714	AO	AO	1958	426.0	417.4	2.0	62	725	S	25
3715	Truck trailers.....	31-3715	AO	DO	1964	28.2	27.7	1.8	54	115	S	1
3716	Motor homes .....	31-3716	AO	X		18.5	18.4	.5	65	45	S	1
372	Aircraft and parts.....	31-3720	AO	AO	1939	563.7	562.4	.2	82	591	-	4
3721	Aircraft.....	31-3721	2 AO	AO	1939	310.1	309.8	.1	92	76	S	1
3724	Aircraft engines and engine parts.....	31-3724	AO	AO	1972	113.8	115.4	-1.4	67	151	S	1
3728	Aircraft parts and equipment, nec.....	31-3728	AO	AO	1972	139.8	137.2	1.9	71	364	S	25
373	Ship and boat building and repairing.....	31-3730	AO	AO	1939	163.1	160.6	1.5	58	386	-	8
3731	Ship building and repairing.....	31-3731	AO	AO	1923	116.6	114.8	1.5	67	162	S	6R
3732	Boat building and repairing.....	31-3732	AO	DO	1947	46.5	45.8	1.5	36	224	S	25
3731-1	Ship building and repairing, Region 1....	31-3733	AO	X		31.0	32.8	-5.8	36	26	S	1
3731-2	Ship building and repairing, Region 2....	31-3734	AO	X		29.5	28.9	2.0	92	24	S	1
3731-3	Ship building and repairing, Region 3....	31-3735	AO	X		40.1	38.8	3.2	68	56	S	1
3731-4	Ship building and repairing, Region 4....	31-3736	AO	X		12.7	10.7	15.7	76	42	S	1
3731-5	Ship building and repairing, Region 5....	31-3737	AO	XX		1.9	1.8	5.3	89	8	S	1
3731-6	Ship building and repairing, Region 6....	31-3738	AO	XX		1.4	1.8	-28.6	86	6	S	1
374	Railroad equipment.....	31-3740	AO	AO	1947	30.4	27.6	9.2	51	69	-	1
3743	Railroad equipment.....	31-3743	AO			30.4	27.6	9.2	51	69	S	1
375	Motorcycles, bicycles, and parts.....	31-3750	AO	X		17.1	16.4	4.1	51	28	-	1
3751	Motorcycles, bicycles, and parts.....	31-3751	AO			17.1	16.4	4.1	51	28	S	1
376	Guided missiles, space vehicles, and parts	31-3760	AO	AO	1972	129.6	125.4	3.2	82	100	-	2
3761	Guided missiles and space vehicles.....	31-3761	2 AO	AO	1958	93.2	90.6	2.8	87	47	S	1
3764,9	Space propulsion units and parts, and space vehicle equipment, nec.....	31-3769	AO	X		36.4	34.8	4.4	71	53	S	1
379	Miscellaneous transportation equipment....	31-3790	AO	AO	1972	45.6	45.5	.2	58	191	-	3
3792	Travel trailers and campers.....	31-3792	AO	DO	1972	18.2	18.1	.5	55	87	S	1
3795	Tanks and tank components.....	31-3795	AO	X		11.1	11.0	.9	77	14	S	1
3799	Transportation equipment, nec.....	31-3799	AO	X		16.3	16.4	-.6	48	90	S	1
38	Instruments and related products.....	31-3800	AO	AO	1947	907.0	894.6	1.4	58	2,041	-	23
381	Search and navigation equipment.....	31-3810	AO	AO	1988	212.0	208.7	1.6	72	225	-	2
3812	Search and navigation equipment.....	31-3812	AO			212.0	208.7	1.6	72	225	S	1
382	Measuring and controlling devices.....	31-3820	AO	AO	1988	285.8	280.8	1.7	56	897	-	10
3821	Laboratory apparatus and furniture.....	31-3821	AO	X		10.2	9.7	4.9	56	52	S	1
3822	Environmental controls.....	31-3822	AO	AO	1958	43.1	42.4	1.6	50	83	S	25
3823	Process control instruments.....	31-3823	AO	AO	1972	60.5	57.2	5.5	41	200	S	1
3824	Fluid meters and counting devices.....	31-3824	AO	X		12.4	11.9	4.0	53	43	S	1
3825	Instruments to measure electricity.....	31-3825	AO	AO	1972	73.8	73.8	0	72	176	S	25
3826	Analytical instruments.....	31-3826	AO	X		28.0	28.4	-1.4	48	95	S	1
3827	Optical instruments and lenses.....	31-3827	AO	X		17.4	17.5	-.6	44	86	S	1
3829	Measuring and controlling devices, nec...	31-3829	AO	X		40.4	39.9	1.2	65	162	S	1

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1987 SIC Code	Industry	BLS tabu- lating code	Basic series Pro- duced	Begin- ning date of pub. AE	March 1993					Est. No. and met- hod of strata		
					Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
384	Medical instruments and supplies.....	31-3840	A0	A0	1988	270.5	265.9	1.7	43	608	-	6
3841	Surgical and medical instruments.....	31-3841	A0	A0	1972	109.8	108.7	1.0	44	211	S	1
3842	Surgical appliances and supplies.....	31-3842	A0	A0	1972	97.7	96.9	.8	43	261	S	25
3843	Dental equipment and supplies.....	31-3843	A0	X		13.8	12.9	6.5	45	76	S	1
3844	X-ray apparatus and tubes.....	31-3844	A0	X		10.8	10.8	0	37	16	S	1
3845	Electromedical equipment.....	31-3845	A0	X		38.4	36.6	4.7	40	44	S	1
385	Ophthalmic goods.....	31-3850	A0	A0	1958	38.5	37.6	2.3	48	146	-	2
3851	Ophthalmic goods.....	31-3851	A0			38.5	37.6	2.3	48	146	S	25
386	Photographic equipment and supplies.....	31-3860	A0	A0	1947	91.8	93.3	-1.6	80	135	-	2
3861	Photographic equipment and supplies.....	31-3861	A0			91.8	93.3	-1.6	80	135	S	25
387	Watches, clocks, watchcases, and parts....	31-3870	A0	A0	1939	8.4	8.3	1.2	55	30	-	1
3873	Watches, clocks, watchcases, and parts...	31-3873	A0			8.4	8.3	1.2	55	30	S	1
39	Miscellaneous manufacturing industries.....	31-3900	A0	A0	1947	374.0	360.6	3.6	42	1,822	-	21
391	Jewelry, silverware, and plated ware.....	31-3910	A0	A0	1947	50.6	49.4	2.4	40	228	-	4
3911	Jewelry, precious metal.....	31-3911	A0	D0	1972	37.4	36.5	2.4	33	162	S	25
3914	Silverware and plated ware.....	31-3914	A0	X		6.2	6.1	1.6	71	28	S	1
3915	Jewelers' materials and lapidary work....	31-3915	A0	X		7.0	6.8	2.9	47	38	S	1
393	Musical instruments.....	31-3930	A0	A0	1958	13.2	13.1	.8	53	76	-	1
3931	Musical instruments.....	31-3931	A0			13.2	13.1	.8	53	76	S	1
394	Toys and sporting goods.....	31-3940	A0	A0	1947	110.4	106.6	3.4	48	432	-	4
3942,4	Dolls, games, toys, and children's vehicles.....	31-3944	A0	A0	1958	42.2	41.1	2.6	60	159	S	25
3949	Sporting and athletic goods, nec.....	31-3949	A0	A0	1958	68.2	65.5	4.0	41	273	S	25
395	Pens, pencils, office, and art supplies....	31-3950	A0	A0	1951	33.3	31.1	6.6	52	191	-	3
3951	Pens and mechanical pencils.....	31-3951	A0	X		8.7	7.3	16.1	63	29	S	1
3952	Lead pencils and art goods.....	31-3952	A0	X		7.8	7.6	2.6	69	30	S	1
3953,5	Marking devices, carbon paper, and inked ribbons.....	31-3955	A0	X		16.8	16.2	3.6	39	132	S	1
396	Costume jewelry and notions.....	31-3960	A0	A0	1988	29.5	29.3	.7	31	126	-	2
3961	Costume jewelry.....	31-3961	A0	D0	1972	18.1	17.5	3.3	21	73	S	1
3965	Fasteners, buttons, needles, and pins....	31-3965	A0	X		11.4	11.8	-3.5	48	53	S	1
399	Miscellaneous manufactures.....	31-3990	A0	A0	1972	137.0	131.1	4.3	37	769	-	7
3991	Brooms and brushes.....	31-3991	A0	X		14.1	13.7	2.8	45	83	S	1
3993	Signs and advertising specialties.....	31-3993	A0	D0	1972	56.3	53.3	5.3	26	379	S	25
3995	Burial caskets.....	31-3995	A0	X		8.9	8.9	0	46	54	S	25
3996,9	Hard surface floor coverings and manufacturing industries, nec.....	31-3999	A0	X		57.7	55.2	4.3	43	253	S	25
20-23, 26-31	Nondurable goods.....	32-0000	A0	A0	1939	7,782	7,704	1.0	48	24,482	-	246
20	Food and kindred products.....	32-2000	A0	A0	1939	1,626.3	1,601.6	1.5	50	5,084	-	60
201	Meat products.....	32-2010	A0	A0	1939	438.6	439.8	-.3	55	843	-	7
2011	Meat packing plants.....	32-2011	A0	A0	1958	138.1	135.3	2.0	42	280	S	35
2013	Sausages and other prepared meats.....	32-2013	A0	A0	1958	87.1	89.4	-2.6	47	319	S	25
2015	Poultry slaughtering and processing.....	32-2015	A0	A0	1972	213.4	215.1	-.8	67	244	S	25

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1987 SIC Code	Industry	BLS tabu- lating code	Basic series Begin-		Bench- mark employ- ment?	March 1993					Est. met- hod	No. and type of strata
			Pro- duced	Pub- lished		date of pub. AE	esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
202	Dairy products.....	32-2020	AO	AC	1958	151.7	148.8	1.9	44	593	-	9
2021	Creamery butter.....	32-2021	AO	X		2.1	2.1	0	52	15	S	1
2022	Cheese, natural and processed.....	32-2022	AO	DO	1972	40.1	38.5	4.0	39	147	S	25
2023	Dry, condensed, and evaporated products..	32-2023	AO	X		17.6	17.7	-6	49	62	S	1
2024	Ice cream and frozen desserts.....	32-2024	AO	X		23.0	22.1	3.9	30	77	S	1
2026	Fluid milk .....	32-2026	AO	AO	1958	68.9	68.4	.7	49	292	S	4R
203	Preserved fruits and vegetables.....	32-2030	AO	AO	1972	215.2	212.5	1.3	59	778	-	10
2032	Canned specialties.....	32-2032	AO	AO	1972	21.1	21.6	-2.4	72	40	S	1
2033	Canned fruits and vegetables.....	32-2033	AO	AO	1972	63.2	62.3	1.4	62	338	S	4R
2034	Dehydrated fruits, vegetables, and soups.	32-2034	AO	X		16.0	15.3	4.4	58	55	S	1
2035	Pickles, sauces, and salad dressings.....	32-2035	AO	X		20.9	21.8	-4.3	44	106	S	25
2037	Frozen fruits and vegetables.....	32-2037	AO	AO	1972	44.3	42.6	3.8	64	130	S	1
2038	Frozen specialties, nec.....	32-2038	AO	X		49.7	48.9	1.6	52	109	S	1
204	Grain mill products.....	32-2040	AO	AO	1951	126.7	121.7	3.9	45	639	-	7
2041	Flour and other grain mill products.....	32-2041	AO	DO	1958	19.5	19.3	1.0	50	114	S	1
2043	Cereal breakfast foods.....	32-2043	AO	X		19.8	18.3	7.6	59	27	S	1
2044	Rice milling.....	32-2044	AO	X		4.6	4.5	2.2	59	18	S	1
2045	Prepared flour mixes and doughs.....	32-2045	AO	X		13.0	11.5	11.5	39	34	S	1
2046	Hot corn milling.....	32-2046	AO	X		9.7	9.5	2.1	60	23	S	1
2047	Dog and cat food.....	32-2047	AO	X		18.0	16.9	6.1	31	40	S	1
2048	Prepared feeds, nec.....	32-2048	AO	DO	1972	42.1	41.7	1.0	39	383	S	1
205	Bakery products.....	32-2050	AO	AO	1972	206.9	203.6	1.6	50	548	-	3
2051	Bread, cake, and related products.....	32-2051	AO	AO	1958	149.2	146.2	2.0	50	432	S	2
2052,3	Cookies, crackers, and frozen bakery products, except bread.....	32-2053	AO	AO	1988	57.7	57.4	.5	50	116	S	1
206	Sugar and confectionery products.....	32-2060	AO	AO	1972	99.4	96.9	2.5	58	309	-	6
2061	Raw cane sugar.....	32-2061	AO	AO	1982	6.8	8.1	-19.1	65	26	S	1
2062	Cane sugar refining.....	32-2062	AO	AO	1982	5.0	4.9	2.0	80	9	S	1
2063	Beet sugar.....	32-2063	AO	AO	1982	8.0	7.3	8.8	81	39	S	1
2064	Candy and other confectionery products...	32-2064	AO	AO	1988	51.3	47.9	6.6	45	166	S	1
2066,7	Chocolate and cocoa products and chewing gum.....	32-2067	AO	X		19.3	20.1	-4.1	76	32	S	1
2068	Salted and roasted nuts and seeds.....	32-2068	AO	X		9.0	8.6	4.4	52	37	S	1
207	Fats and oils.....	32-2070	AO	AO	1972	31.7	31.3	1.3	48	179	-	3
2074,5,6	Cottonseed, soybean, and vegetable oil mills.....	32-2076	AO	X		12.9	13.1	-1.6	64	82	S	1
2077	Animal and marine fats and oils.....	32-2077	AO	X		7.6	8.3	-9.2	36	65	S	1
2079	Edible fats and oils, nec.....	32-2079	AO	X		11.2	9.9	11.6	37	32	S	1
208	Beverages.....	32-2080	AO	AO	1947	174.9	173.1	1.0	50	532	-	7
2082	Malt beverages.....	32-2082	AO	AO	1958	39.8	38.5	3.3	72	38	S	1
2084	Wines, brandy, and brandy spirits.....	32-2084	AO	X		17.0	15.6	8.2	45	87	S	1
2085	Distilled and blended liquors.....	32-2085	AO	X		8.7	7.9	9.2	45	21	S	1
2086	Bottled and canned soft drinks.....	32-2086	AO	AO	1958	91.5	92.7	-1.3	43	307	S	35
2083,7	Malt and flavoring extracts and syrups, nec.....	32-2087	AO	X		17.9	18.4	-2.8	41	79	S	1
209	Miscellaneous food and kindred products...	32-2090	AO	AO	1972	181.2	173.9	4.0	33	663	-	8
2091	Canned and cured fish and seafoods.....	32-2091	AO	X		8.1	7.5	7.4	37	47	S	1

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1987 SIC Code	Industry	BLS tabu- lating code	Basic series Begin-			March 1993					Est. No. and met- type hod of strata	
			Pro- duced	Pub- lished	date of pub. AE	Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2092	Fresh or frozen packaged fish.....	32-2092	AO	X		47.3	44.7	5.5	37	168	S	2
2095	Roasted coffee.....	32-2095	AO	X		10.4	11.7	-12.5	38	30	S	1
2096	Potato chips and similar snacks.....	32-2096	AO	X		35.2	34.0	3.4	27	69	S	1
2097	Manufactured ice.....	32-2097	AO	X		5.6	5.4	3.6	27	80	S	1
2098	Macaroni and spaghetti.....	32-2098	AO	X		8.9	8.3	6.7	42	36	S	1
2099	Food preparations, nec.....	32-2099	AO	X		65.7	62.3	5.2	32	233	S	1
21	Tobacco products.....	32-2100	AO	AO	1947	42.0	46.0	-9.5	79	63	-	3
211	Cigarettes.....	32-2110	AO	AO	1947	29.5	33.2	-12.5	78	10	-	1
2111	Cigarettes.....	32-2111	AO			29.5	33.2	-12.5	78	10	S	1
212	Cigars.....	32-2120	AO	X		2.4	2.2	8.3	58	13	-	1
2121	Cigars.....	32-2121	AO			2.4	2.2	8.3	58	13	S	1
213.4	Other tobacco products.....	32-2140	AO	X		10.1	10.6	-5.0	85	40	-	1
2131.41	Other tobacco products.....	32-2141	AO			10.1	10.6	-5.0	85	40	S	1
22	Textile mill products.....	32-2200	AO	AO	1939	672.6	663.5	1.4	65	1,789	-	23
221	Broadwoven fabric mills, cotton.....	32-2210	AO	AO	1958	84.1	84.7	-.7	82	155	-	1
2211	Broadwoven fabric mills, cotton.....	32-2211	AO			84.1	84.7	-.7	82	155	S	1
222	Broadwoven fabric mills, synthetics.....	32-2220	AO	AO	1958	70.3	68.6	2.4	72	169	-	1
2221	Broadwoven fabric mills, synthetics.....	32-2221	AO			70.3	68.6	2.4	72	169	S	1
223	Broadwoven fabric mills, wool.....	32-2230	AO	AO	1958	17.2	17.6	-2.3	89	53	-	1
2231	Broadwoven fabric mills, wool.....	32-2231	AO			17.2	17.6	-2.3	89	53	S	1
224	Narrow fabric mills.....	32-2240	AO	AO	1951	21.9	21.6	1.4	65	110	-	1
2241	Narrow fabric mills.....	32-2241	AO			21.9	21.6	1.4	65	110	S	1
225	Knitting mills.....	32-2250	AO	AO	1958	202.7	196.6	3.0	58	444	-	6
2251	Women's hosiery, except socks.....	32-2251	AO	AO	1958	29.3	28.6	2.4	66	63	S	1
2252	Hosiery, nec.....	32-2252	AO	AO	1958	39.1	38.9	.5	59	101	S	1
2253	Knit outerwear mills.....	32-2253	AO	AO	1958	58.6	55.0	6.1	61	105	S	1
2254	Knit underwear mills.....	32-2254	AO	AO	1958	26.7	26.5	.7	33	22	S	1
2257	Heft knit fabric mills.....	32-2257	AO	AO	1972	27.9	26.9	3.6	70	88	S	1
2258.9	Lace and warp knit fabric mills, and knitting mills, nec.....	32-2259	AO	X		21.1	20.7	1.9	52	65	S	1
226	Textile finishing, except wool.....	32-2260	AO	AO	1947	70.3	67.7	3.7	60	222	-	3
2261	Finishing plants, cotton.....	32-2261	AO	AO	1972	31.7	30.2	4.7	62	88	S	1
2262	Finishing plants, synthetics.....	32-2262	AO	AO	1972	24.5	23.7	3.3	59	80	S	1
2269	Finishing plants, nec.....	32-2269	AO	X		14.1	13.8	2.1	57	54	S	1
227	Carpets and rugs.....	32-2270	AO	AO	1958	59.3	60.1	-1.3	55	99	-	2
2273	Carpets and rugs.....	32-2273	AO			59.3	60.1	-1.3	55	99	S	2R
228	Yarn and thread mills.....	32-2280	AO	AO	1947	96.2	96.4	-.2	69	295	-	4
2281	Yarn spinning mills.....	32-2281	AO	AO	1972	75.7	77.1	-1.8	72	227	S	25
2282	Throwing and winding mills.....	32-2282	AO	AO	1972	13.8	12.9	6.5	54	44	S	1
2284	Thread mills.....	32-2284	AO	X		6.7	6.4	4.5	60	24	S	1
229	Miscellaneous textile goods.....	32-2290	AO	AO	1958	50.6	50.2	.8	59	242	-	4
2295	Coated fabrics, not rubberized.....	32-2295	AO	X		8.9	9.4	-5.6	56	58	S	1
2296	Tire cord and fabrics.....	32-2296	AO	X		6.7	6.4	4.5	76	11	S	1
2298	Cordage and twine.....	32-2298	AO	X		7.0	7.0	0	51	44	S	1

See footnotes at end of table.

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1987 SIC Code	Industry	BLS tabu- lating code	Basic series Pro- duced	Begin- ning date of pub. AE	March 1993						Est. No. and met- hod of strata	
					Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2297,9	Nonwoven fabrics and other textile goods, nec.....	32-2299	AO	X		28.0	27.4	2.1	59	129	S	1
23	Apparel and other textile products.....	32-2300	AO	AO	1939	996.2	988.5	.8	41	3,072	-	42
231	Men's and boys' suits and coats.....	32-2310	AO	AO	1939	42.2	43.2	-2.4	67	114	-	2
2311	Men's and boys' suits and coats.....	32-2311	AO			42.2	43.2	-2.4	67	114	S	25
232	Men's and boys' furnishings.....	32-2320	AO	AO	1939	275.7	275.2	.2	52	684	-	8
2321	Men's and boys' shirts.....	32-2321	AO	AO	1958	66.6	66.0	.9	54	166	S	25
2322	Men's and boys' underwear and nightwear..	32-2322	AO	X		27.0	25.0	7.4	42	40	S	1
2323	Men's and boys' neckwear.....	32-2323	AO	X		6.9	7.2	-4.3	49	34	S	1
2325	Men's and boys' trousers and slacks.....	32-2325	AO	AO	1988	81.3	83.6	-2.8	59	158	S	25
2326	Men's and boys' work clothing.....	32-2326	AO	AO	1988	41.6	40.5	2.6	46	107	S	1
2329	Men's and boys' clothing, nec.....	32-2329	AO	X		52.3	52.9	-1.1	50	179	S	1
233	Women's and misses' outerwear.....	32-2330	AO	AO	1939	310.7	307.8	.9	23	697	-	10
2331	Women's and misses' blouses and shirts...	32-2331	AO	AO	1958	33.5	35.2	-5.1	35	130	S	1
2335	Women's, juniors', and misses' dresses...	32-2335	AO	AO	1958	55.0	52.5	4.5	17	142	S	35
2337	Women's and misses' suits and coats.....	32-2337	AO	AO	1958	33.8	28.7	15.1	29	102	S	35
2339	Women's and misses' outerwear, nec.....	32-2339	AO	AO	1958	188.4	191.4	-1.6	21	323	S	45
234	Women's and children's undergarments.....	32-2340	AO	AO	1947	54.5	55.9	-2.6	57	183	-	2
2341	Women's and children's underwear.....	32-2341	AO	AO	1958	42.6	43.9	-3.1	58	152	S	1
2342	Brassieres, girdles, and allied garments.	32-2342	AO	AO	1958	11.9	12.0	-.8	57	31	S	1
235	Hats, caps, and millinery.....	32-2350	AO	X		19.9	20.3	-2.0	54	69	-	1
2353	Hats, caps, and millinery.....	32-2353	AO			19.9	20.3	-2.0	54	69	S	1
236	Girls' and children's outerwear.....	32-2360	AO	AO	1947	49.5	46.0	7.1	49	184	-	3
2361	Girls' and children's dresses and blouses	32-2361	AO	AO	1958	20.6	18.5	10.2	44	85	S	25
2369	Girls' and children's outerwear, nec.....	32-2369	AO	X		28.9	27.5	4.8	52	99	S	1
237	Fur goods.....	32-2370	AO	X		.9	.8	11.1	11	14	-	1
2371	Fur goods.....	32-2371	AO			.9	.8	11.1	11	14	S	1
238	Miscellaneous apparel and accessories.....	32-2380	AO	AO	1972	43.2	41.2	4.6	50	206	-	6
2381	Fabric dress and work gloves.....	32-2381	AO	X		5.3	5.5	-3.8	70	33	S	1
2384	Robes and dressing gowns.....	32-2384	AO	X		3.9	4.4	-12.8	72	24	S	1
2385	Waterproof outerwear.....	32-2385	AO	X		6.3	6.3	0	51	23	S	1
2386	Leather and sheep-lined clothing.....	32-2386	AO	X		2.8	2.9	-3.6	54	17	S	1
2387	Apparel belts.....	32-2387	AO	X		8.2	8.0	2.4	32	36	S	1
2389	Apparel and accessories, nec.....	32-2389	AO	X		16.7	14.1	15.6	46	73	S	1
239	Miscellaneous fabricated textile products.	32-2390	AO	AO	1958	199.6	198.1	.8	40	921	-	9
2391	Curtains and draperies.....	32-2391	AO	AO	1972	21.2	19.3	9.0	38	126	S	1
2392	House furnishings, nec.....	32-2392	AO	AO	1972	51.2	51.1	.2	59	175	S	25
2393	Textile bags.....	32-2393	AO	X		10.1	9.5	5.9	41	63	S	1
2394	Canvas and related products.....	32-2394	AO	X		17.6	18.2	-3.4	31	176	S	1
2395	Pleating and stitching.....	32-2395	AO	X		16.4	15.8	3.7	23	74	S	1
2396	Automotive and apparel trimmings.....	32-2396	AO	AO	1972	50.4	52.2	-3.6	28	167	S	25
2397,9	Other fabricated textile products.....	32-2399	AO	X		32.7	32.0	2.1	41	140	S	1
26	Paper and allied products.....	32-2600	AO	AO	1939	688.9	679.5	1.4	59	2,137	-	20
261	Pulp mills.....	32-2610	AO	X		13.5	13.6	-.7	76	28	-	1
2611	Pulp mills.....	32-2611	AO			13.5	13.6	-.7	76	28	S	1

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1987 SIC Code	Industry	BLS tabu- lating code	Basic series		Begin- ning date of pub. AE	March 1993					Est. met- hod	No. and type of strata
			Pro- duced	Pub- lished		Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
262	Paper mills.....	32-2620	A0	A0	1972	171.2	168.7	1.5	76	253	-	1
2621	Paper mills.....	32-2621	A0			171.2	168.7	1.5	76	253	S	1
263	Paperboard mills.....	32-2630	A0	A0	1958	51.0	51.5	-1.0	75	140	-	1
2631	Paperboard mills.....	32-2631	A0			51.0	51.5	-1.0	75	140	S	1
265	Paperboard containers and boxes.....	32-2650	A0	A0	1947	211.1	209.5	.8	47	964	-	7
2652	Setup paperboard boxes.....	32-2652	A0	X		7.2	7.8	-8.3	49	72	S	1
2653	Corrugated and solid fiber boxes.....	32-2653	A0	D0	1958	123.1	122.1	.8	44	572	S	25
2655	Fiber cans, drums, and similar products..	32-2655	A0	X		15.1	14.7	2.6	45	84	S	1
2656	Sanitary food containers.....	32-2656	A0	A0	1988	16.7	16.1	3.6	69	41	S	1
2657	Folding paperboard boxes.....	32-2657	A0	A0	1988	49.0	48.8	.4	49	195	S	25
267	Miscellaneous converted paper products.....	32-2670	A0	A0	1958	242.1	236.2	2.4	52	732	-	10
2671	Paper, coated and laminated, packaging...	32-2671	A0	X		21.4	20.9	2.3	52	84	S	1
2672	Paper, coated and laminated, nec.....	32-2672	A0	A0	1988	46.3	44.5	3.9	67	89	S	1
2673	Bags, plastics, laminated, and coated....	32-2673	A0	A0	1988	37.8	35.7	5.6	49	113	S	25
2674	Bags, uncoated paper and multiwall.....	32-2674	A0	X		18.9	19.5	-3.2	61	71	S	1
2675	Die-cut paper and board.....	32-2675	A0	X		18.8	18.1	3.7	34	86	S	25
2676	Sanitary paper products.....	32-2676	A0	X		33.0	33.3	-.9	54	52	S	1
2677	Envelopes.....	32-2677	A0	D0	1972	24.1	23.9	.8	45	78	S	1
2678,9	Stationery and converted paper products, nec.....	32-2679	A0	X		41.8	40.3	3.6	47	179	S	1
27	Printing and publishing.....	32-2700	A0	A0	1939	1,510.8	1,501.5	.6	37	5,433	-	26
271	Newspapers.....	32-2710	A0	A0	1947	449.1	449.4	-.1	53	1,414	-	3
2711	Newspapers.....	32-2711	A0			449.1	449.4	-.1	53	1,414	S	35
272	Periodicals.....	32-2720	A0	A0	1947	127.0	124.5	2.0	27	349	-	3
2721	Periodicals.....	32-2721	A0			127.0	124.5	2.0	27	349	S	35
273	Books.....	32-2730	A0	A0	1947	120.5	119.1	1.2	37	266	-	3
2731	Book publishing.....	32-2731	A0	D0	1972	83.3	82.1	1.4	36	204	S	25
2732	Book printing.....	32-2732	A0	D0	1972	37.2	37.0	.5	39	62	S	1
274	Miscellaneous publishing.....	32-2740	A0	A0	1972	80.4	81.0	-.7	24	270	-	2
2741	Miscellaneous publishing.....	32-2741	A0			80.4	81.0	-.7	24	270	S	25
275	Commercial printing.....	32-2750	A0	A0	1958	535.7	529.9	1.1	28	2,329	-	6
2752	Commercial printing, lithographic.....	32-2752	A0	A0	1972	350.6	348.9	.5	27	1,543	S	35
2754	Commercial printing, gravure.....	32-2754	A0	X		19.5	18.6	4.6	44	41	S	1
2759	Commercial printing, nec.....	32-2759	A0	A0	1972	165.6	162.4	1.9	28	745	S	25
276	Manifold business forms.....	32-2760	A0	A0	1972	46.7	46.9	-.4	46	202	-	1
2761	Manifold business forms.....	32-2761	A0			46.7	46.9	-.4	46	202	S	1
277	Greeting cards.....	32-2770	A0	X		26.0	24.9	4.2	97	33	-	1
2771	Greeting cards.....	32-2771	A0			26.0	24.9	4.2	97	33	S	1
278	Blankbooks and bookbinding.....	32-2780	A0	A0	1951	68.5	66.3	3.2	33	244	-	4
2782	Blankbooks and looseleaf binders.....	32-2782	A0	X		41.3	39.6	4.1	35	113	S	25
2789	Bookbinding and related work.....	32-2789	A0	X		27.2	26.7	1.8	29	131	S	25
279	Printing trade services.....	32-2790	A0	A0	1972	56.9	59.5	-4.6	23	326	-	3
2791	Typesetting .....	32-2791	A0	X		23.7	26.1	-10.1	22	143	S	1
2796	Platemaking services.....	32-2796	A0	X		33.2	33.4	-.6	23	183	S	25

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
28	Chemicals and allied products.....	32-2800	A0	A0	1939	1,079.7	1,074.8	.5	48	2,633	-	33
281	Industrial inorganic chemicals.....	32-2810	A0	A0	1972	135.0	136.7	-1.3	61	316	-	5
2812	Alkalies and chlorine.....	32-2812	A0	X		12.8	13.1	-2.3	63	28	S	1
2813	Industrial gases.....	32-2813	A0	X		24.2	24.3	-.4	36	37	S	1
2816	Inorganic pigments.....	32-2816	A0	X		10.9	10.6	2.8	46	34	S	1
2819	Industrial inorganic chemicals, nec.....	32-2819	A0	A0	1972	87.1	88.7	-1.8	70	217	S	25
282	Plastics materials and synthetics.....	32-2820	A0	A0	1958	166.8	168.9	-1.3	51	288	-	5
2821	Plastics materials and resins.....	32-2821	A0	A0	1972	80.9	82.9	-2.5	55	199	S	25
2822	Synthetic rubber.....	32-2822	A0	X		16.5	15.6	5.5	62	34	S	1
2823	Cellulosic synthetic fibers.....	32-2823	A0	X		11.7	11.6	.9	48	9	S	1
2824	Organic fibers, noncellulosic.....	32-2824	A0	A0	1972	57.7	58.8	-1.9	44	46	S	1
283	Drugs.....	32-2830	A0	A0	1947	262.9	259.3	1.4	53	297	-	4
2833	Medicinals and botanicals.....	32-2833	A0	X		19.7	18.8	4.6	27	32	S	1
2834	Pharmaceutical preparations.....	32-2834	A0	A0	1958	214.8	213.5	.6	59	208	S	25
2835,6	Diagnostic and other biological products.....	32-2836	A0	X		28.4	27.0	4.9	30	57	S	1
284	Soap, cleaners, and toilet goods.....	32-2840	A0	A0	1958	155.6	152.6	1.9	38	420	-	5
2841	Soap and other detergents.....	32-2841	A0	A0	1958	44.6	41.8	6.3	30	91	S	25
2842,3	Polishing, sanitation, and finishing preparations.....	32-2843	A0	D0	1972	43.2	42.4	1.9	38	199	S	2
2844	Toilet preparations.....	32-2844	A0	A0	1958	67.8	68.4	-.9	43	130	S	1
285	Paints and allied products.....	32-2850	A0	A0	1958	57.7	57.8	-.2	38	337	-	2
2851	Paints and allied products.....	32-2851	A0			57.7	57.8	-.2	38	337	S	2
286	Industrial organic chemicals.....	32-2860	A0	A0	1972	152.5	151.6	.6	46	292	-	3
2861	Gum and wood chemicals.....	32-2861	A0	X		2.9	3.3	-13.8	72	19	S	1
2865	Cyclic crudes and intermediates.....	32-2865	A0	D0	1972	26.0	25.3	2.7	47	62	S	1
2869	Industrial organic chemicals, nec.....	32-2869	A0	A0	1972	123.6	123.0	.5	45	211	S	1
287	Agricultural chemicals.....	32-2870	A0	A0	1972	56.8	57.7	-1.6	52	254	-	5
2873	Nitrogenous fertilizers.....	32-2873	A0	X		9.2	10.0	-8.7	43	42	S	1
2874	Phosphatic fertilizers.....	32-2874	A0	X		10.4	11.0	-5.8	64	46	S	1
2875	Fertilizers, mixing only.....	32-2875	A0	X		9.8	9.6	2.0	33	89	S	1
2879	Agricultural chemicals, nec.....	32-2879	A0	X		27.4	27.1	1.1	57	77	S	25
289	Miscellaneous chemical products.....	32-2890	A0	A0	1972	92.4	90.2	2.4	35	429	-	4
2891	Adhesives and sealants.....	32-2891	A0	X		23.5	23.0	2.1	38	136	S	1
2892	Explosives.....	32-2892	A0	X		10.1	10.6	-5.0	73	32	S	1
2893	Printing ink.....	32-2893	A0	X		16.3	15.1	7.4	16	75	S	1
2895,9	Other chemical preparations.....	32-2899	A0	X		42.5	41.5	2.4	32	186	S	1
29	Petroleum and coal products.....	32-2900	A0	A0	1939	148.9	152.9	-2.7	48	569	-	5
291	Petroleum refining.....	32-2910	A0	A0	1947	112.5	116.0	-3.1	51	248	-	1
2911	Petroleum refining.....	32-2911	A0			112.5	116.0	-3.1	51	248	S	1
295	Asphalt paving and roofing materials.....	32-2950	A0	D0	1972	23.9	25.3	-5.9	41	212	-	3
2951	Asphalt paving mixtures and blocks.....	32-2951	A0	X		10.9	11.8	-8.3	39	140	S	25
2952	Asphalt felts and coatings.....	32-2952	A0	X		13.0	13.5	-3.8	42	72	S	1
299	Miscellaneous petroleum and coal products.....	32-2990	A0	X		12.5	11.6	7.2	41	109	-	1
2992,9	Miscellaneous petroleum and coal products.....	32-2999	A0			12.5	11.6	7.2	41	109	S	1

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			Pro- duced	Pub- lished		Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
30	Rubber and miscellaneous plastics products.	32-3000	AO	AO	1939	878.9	880.3	2.1	46	3,194	-	22
301	Tires and inner tubes.....	32-3010	AO	AO	1939	81.5	83.7	-2.7	68	76	-	1
3011	Tires and inner tubes.....	32-3011	AO			81.5	83.7	-2.7	68	76	S	1
302	Rubber and plastics footwear.....	32-3020	AO	AO	1972	10.7	10.8	-.9	65	20	-	1
3021	Rubber and plastics footwear.....	32-3021	AO			10.7	10.8	-.9	65	20	S	1
305	Hose, belting, gaskets, and packing.....	32-3050	AO	AO	1972	59.6	59.3	.5	56	252	-	2
3052	Rubber and plastics hose and belting.....	32-3052	AO	AO	1972	23.6	23.0	2.5	59	83	S	1
3053	Gaskets, packing and sealing devices.....	32-3053	AO	X		36.0	36.3	-.8	54	169	S	1
306	Fabricated rubber products, nec.....	32-3060	AO	AO	1972	102.9	100.9	1.9	56	482	-	4
3061	Mechanical rubber goods.....	32-3061	AO	X		45.9	46.0	-.2	59	187	S	25
3069	Fabricated rubber products, nec.....	32-3069	AO	X		57.0	54.9	3.7	54	295	S	25
308	Miscellaneous plastics products, nec.....	32-3080	AO	AO	1958	644.2	625.6	2.9	40	2,364	-	14
3081	Unsupported plastics film and sheet.....	32-3081	AO	X		56.3	56.6	-.5	47	198	S	25
3082	Unsupported plastics profile shapes.....	32-3082	AO	X		23.9	23.8	.4	48	114	S	25
3083	Laminated plastics plate and sheet.....	32-3083	AO	X		21.6	19.6	9.3	55	88	S	25
3084	Plastics pipe.....	32-3084	AO	X		14.3	14.2	.7	47	95	S	1
3085	Plastics bottles.....	32-3085	AO	X		31.1	29.7	4.5	47	128	S	25
3086	Plastics foam products.....	32-3086	AO	X		50.7	49.9	1.6	43	224	S	25
3087	Custom compound purchased resins.....	32-3087	AO	X		23.4	23.1	1.3	50	114	S	25
3088,9	Plastics plumbing fixtures and plastic products, nec.....	32-3089	AO	X		422.9	408.7	3.4	36	1,403	S	25
31	Leather and leather products.....	32-3100	AO	AO	1939	117.5	115.6	1.6	55	508	-	12
311	Leather tanning and finishing.....	32-3110	AO	AO	1947	15.3	15.1	1.3	60	88	-	2
3111	Leather tanning and finishing.....	32-3111	AO			15.3	15.1	1.3	60	88	S	25
313	Footwear cut stock.....	32-3130	AO	X		4.2	4.8	-14.3	57	27	-	1
3131	Footwear cut stock.....	32-3131	AO			4.2	4.8	-14.3	57	27	S	1
314	Footwear, except rubber.....	32-3140	AO	AO	1939	62.4	61.0	2.2	59	165	-	4
3142	House slippers.....	32-3142	AO	X		2.8	2.9	-3.6	86	11	S	1
3143	Men's footwear, except athletic.....	32-3143	AO	AO	1972	30.3	28.5	5.9	61	76	S	1
3144	Women's footwear, except athletic.....	32-3144	AO	AO	1972	21.7	21.6	.5	53	42	S	1
3149	Footwear, except rubber, nec.....	32-3149	AO	X		7.6	8.0	-5.3	62	36	S	1
315	Leather gloves and mittens.....	32-3150	AO	X		2.6	2.6	0	69	35	-	1
3151	Leather gloves and mittens.....	32-3151	AO			2.6	2.6	0	69	35	S	1
316	Luggage.....	32-3160	AO	AO	1964	10.8	10.2	5.6	47	56	-	1
3161	Luggage.....	32-3161	AO			10.8	10.2	5.6	47	56	S	1
317	Handbags and personal leather goods.....	32-3170	AO	AO	1958	12.3	11.5	6.5	37	59	-	2
3171	Women's handbags and purses.....	32-3171	AO	X		5.1	4.6	9.8	20	23	S	1
3172	Personal leather goods, nec.....	32-3172	AO	X		7.2	6.9	4.2	50	36	S	1
319	Leather goods, nec.....	32-3190	AO	X		9.9	10.4	-5.1	42	78	-	1
3199	Leather goods, nec.....	32-3199	AO			9.9	10.4	-5.1	42	78	S	1
	Service-producing.....	39-0000	B	B	1939	86,181	86,205	(3)	39	241,031	-	996
	Private service-producing.....	39-1000	A	(4)	1939	67,036	67,035	(3)	28	211,771	-	941

See footnotes at end of table.

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1987 SIC Code	Industry	BLS tabu- lating code	Basic series Pro- duced	Pub- lished	Begin- ning date of pub. AE	March 1993					Est. met- hod	No. and type of strata
						Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
40-42, 44-49	Transportation and public utilities.....	40-0000	A	A	1939	5,720	5,662	1.0	44	17,567	-	72
40-42, 44-47	Transportation.....	41-0000	A	C	1964	3,520	3,464	1.6	33	11,694	-	50
40	Railroad transportation.....	41-4000	A	C	1947	247.0	247.2	-.1	87	31	-	2
401	Railroads.....	41-4010	A			247.0	247.2	-.1	87	31	-	2
4011	Class I railroads.....	41-4011	A	E	1924	215.1	215.1	0	100	15 S U		1
4013	Other railroads and switching and terminal services.....	41-4013	A	X		31.9	32.1	-.6	4	16 P		1
41	Local and interurban passenger transit....	41-4100	A	A	1958	384.7	377.7	1.8	24	1,395	-	10
411	Local and suburban transportation.....	41-4110	A	A	1972	169.6	159.5	6.0	20	534	-	2
4111,9	Local and suburban transportation.....	41-4119	A			169.6	159.5	6.0	20	534 S		25
412	Taxicabs.....	41-4120	A	B	1958	30.6	29.3	4.2	28	171	-	2
4121	Taxicabs.....	41-4121	A			30.6	29.3	4.2	28	171 S		25
413	Intercity and rural bus transportation....	41-4130	A	A	1947	22.4	22.3	.4	58	130	-	2
4131	Intercity and rural bus transportation...	41-4131	A			22.4	22.3	.4	58	130 S		25
415	School buses.....	41-4150	A	B	1972	133.5	139.6	-4.6	20	373	-	2
4151	School buses.....	41-4151	A			133.5	139.6	-4.6	20	373 S		25
414,7	Bus charter service, and bus terminal and service facilities.....	41-4170	A	X		28.6	27.0	5.6	27	187	-	2
4141,2,73	Bus charter service, and bus terminal and service facilities.....	41-4173	A			28.6	27.0	5.6	27	187 S		25
42	Trucking and warehousing.....	41-4200	A	A	1947	1,621.8	1,584.8	2.3	21	5,854	-	15
421	Trucking and courier services, except air.	41-4210	A	A	1964	1,494.5	1,463.0	2.1	21	5143	-	10
4212	Local trucking, without storage.....	41-4212	A	X		424.8	(6)	-	17	2,051 S		35
4213	Trucking, except local.....	41-4213	A	X		741.9	(6)	-	22	2,440 S		35
4214	Local trucking, with storage.....	41-4214	A	X		64.3	(6)	-	20	421 S		25
4215	Courier services, except by air.....	41-4215	A	X		263.5	(6)	-	25	231 S		25
422	Public warehousing and storage.....	41-4220	A	A	1958	123.2	118.7	3.7	22	686	-	4
4225	General warehousing and storage.....	41-4225	A	X		72.3	69.2	4.3	18	324 S		25
4221,2,6	Warehousing and storage, nec.....	41-4226	A	X		50.9	49.5	2.8	28	362 S		25
423	Trucking terminal facilities.....	41-4230	A	X		4.1	3.1	24.4	15	25	-	1
4231	Trucking terminal facilities.....	41-4231	A			4.1	3.1	24.4	15	25 S		1
44	Water transportation.....	41-4400	A	B	1964	162.1	162.2	-.1	30	809	-	9
441,2,3	Deep sea and Great Lakes freight transportation.....	41-4430	A	X		30.3	32.2	-6.3	18	83	-	1
4412,24,32	Deep sea and Great Lakes freight transportation.....	41-4432	A			30.3	32.2	-6.3	18	83 S		1
444	Water transportation of freight, nec.....	41-4440	A	C	1988	13.4	13.3	.7	40	51	-	1
4449	Water transportation of freight, nec.....	41-4449	A			13.4	13.3	.7	40	51 S		1
448	Water transportation of passengers.....	41-4480	A	X		15.0	15.7	-4.7	19	76	-	1
4481,2,9	Water transportation of passengers.....	41-4489	A			15.0	15.7	-4.7	19	76 S		1

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1987 SIC Code	Industry	BLS tabu- lating code	Basic series Pro- duced	Pub- lished	Begin- ning date of pub. AE	March 1993					Est. No. and met- hod of strata	(13)
						Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
449	Water transportation services.....	41-4490	A	D	1988	103.4	101.0	2.3	33	599	-	6
4491	Marine cargo handling.....	41-4491	A	X		53.3	52.3	1.9	43	203	S	35
4493	Marinas.....	41-4493	A	X		17.1	16.5	3.5	15	189	S	1
4492,9	Towing, tugboat, and water transportation services, nec.....	41-4499	A	X		33.0	32.2	2.4	28	207	S	25
45	Transportation by air.....	41-4500	A	B	1958	730.1	726.7	.5	56	1,536	-	7
451	Air transportation, scheduled.....	41-4510	A	"	1988	600.1	600.2	(3)	64	954	-	5
4512	Air transportation, scheduled.....	41-4512	A	B	1988	495.3	493.2	.4	74	567	S	35
4513	Air courier services.....	41-4513	A	X		104.8	107.0	-2.1	17	387	S	25
452	Air transportation, nonscheduled.....	41-4520	A	A		30.2	28.6	5.3	14	143	-	1
4522	Air transportation, nonscheduled.....	41-4522	A			30.2	28.6	5.3	14	143	S	1
458	Airports, flying fields, and services.....	41-4580	A	B	1982	99.8	97.9	1.9	25	439	-	1
4581	Airports, flying fields, and services....	41-4581	A			99.8	97.9	1.9	25	439	S	1
46	Pipelines, except natural gas.....	41-4600	A	A	1956	18.5	17.8	3.8	45	247	-	1
461	Pipelines, except natural gas.....	41-4610	A			18.5	17.8	3.8	45	247	-	1
4612,3,9	Crude and refined petroleum, and pipelines, nec.....	41-4619	A			18.5	17.8	3.8	45	247	S	1
47	Transportation services.....	41-4700	A	A	1964	356.2	347.2	2.5	14	1,822	-	6
472	Passenger transportation arrangement.....	41-4720	A	A	1988	186.6	185.0	.9	12	1,067	-	3
4724	Travel agencies.....	41-4724	A	A	1988	149.7	148.1	1.1	11	891	S	1
4725	Tour operators.....	41-4725	A	X		24.9	24.8	.4	19	96	S	1
4729	Passenger transport arrangement, nec.....	41-4729	A	X		12.0	12.1	-.8	11	80	S	1
473	Freight transportation arrangement.....	41-4730	A	A	1988	137.4	132.2	3.8	17	589	-	1
4731	Freight transportation arrangement.....	41-4731	A			137.4	132.2	3.8	17	589	S	1
474	Rental of railroad cars.....	41-4740	A	X		4.4	4.3	2.3	16	13	-	1
4741	Rental of railroad cars.....	41-4741	A			4.4	4.3	2.3	16	13	S	1
478	Miscellaneous transportation services.....	41-4780	A	X		27.8	25.7	7.6	19	153	-	1
4783,5,9	Miscellaneous transportation services....	41-4789	A			27.8	25.7	7.6	19	153	S	1
48,49	Communications and public utilities.....	42-0000	A	B	1964	2,200	2,198	.1	62	5,873	-	22
48	Communications.....	42-4800	A	A	1958	1,259.3	1,254.6	.4	59	2,767	-	12
481	Telephone communications.....	42-4810	A	A	1947	871.6	875.8	-.5	74	1,133	-	3
4812	Radiotelephone communications.....	42-4812	A	X		59.6	56.8	4.7	18	127	S	1
4813	Telephone communications, except radio...	42-4813	A	A	1947	812.0	819.0	-.9	78	1,006	S	25
482	Telegraph and other communications.....	42-4820	A	X		7.0	8.5	-21.4	13	18	-	1
4822	Telegraph and other communications.....	42-4822	A			7.0	8.5	-21.4	13	18	S	1
483	Radio and television broadcasting.....	42-4830	A	A	1958	228.2	224.1	1.8	25	1,116	-	5
4832	Radio broadcasting stations.....	42-4832	A	B	1982	112.2	110.2	1.8	16	732	S	35
4833	Television broadcasting stations.....	42-4833	A	B	1982	116.0	113.9	1.8	33	384	S	25
484	Cable and other pay television services...	42-4840	A	A	1988	134.8	129.2	4.2	28	462	-	2
4841	Cable and other pay television services..	42-4841	A			134.8	129.2	4.2	28	462	S	25
489	Communications services, nec.....	42-4890	A	X		17.7	17.0	4.0	41	38	-	1
4899	Communications services, nec.....	42-4899	A			17.7	17.0	4.0	41	38	S	1

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					Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
49	Electric, gas, and sanitary services.....	42-4900	A	A	1964	940.6	942.9	-.2	64	3,106	-	10
491	Electric services.....	42-4910	A	A	1947	428.3	433.0	-1.1	74	1,288	-	2
4911	Electric services.....	42-4911	A			428.3	433.0	-1.1	74	1,288	S	25
492	Gas production and distribution.....	42-4920	A	A	1950	160.6	161.0	-.2	66	659	-	2
4922,3,4,5	Gas production and distribution.....	42-4925	A			160.6	161.0	-.2	66	659	S	25
493	Combination utility services.....	42-4930	A	A	1950	190.9	189.6	.7	75	218	-	1
4931,2,9	Combination utility services.....	42-4939	A			190.9	189.6	.7	75	218	S	1
494	Water supply .....	42-4940	A	X		26.3	25.6	2.7	47	379	-	2
4941	Water supply.....	42-4941	A			26.3	25.6	2.7	47	379	S	25
495	Sanitary services.....	42-4950	A	A	1972	130.9	129.6	1.0	21	508	-	2
4952,3,9	Sanitary services.....	42-4959	A			130.9	129.6	1.0	21	508	S	25
496,7	Steam and air-conditioning supply, and irrigation systems.....	42-4970	A	X		3.6	4.1	-13.9	28	54	-	1
4961,71	Steam and air-conditioning supply, and irrigation systems.....	42-4971	A			3.6	4.1	-13.9	28	54	S	1
50-59	Wholesale and retail trade.....	50-0000	A	(4)	1939	25,036	25,228	-.8	24	92,259	-	438
50-51	Wholesale trade.....	51-0000	A	A	1939	5,903	6,055	-2.6	20	26,367	-	217
50	Durable goods .....	52-5000	A	A	1972	3,390	3,465	-2.2	19	15,826	-	115
501	Motor vehicles, parts, and supplies.....	52-5010	A	A	1972	442.1	449.8	-1.7	21	2,305	-	13
5012	Automobiles and other motor vehicles.....	52-5012	A	B	1982	111.1	112.9	-1.6	30	530	S	45
5013	Motor vehicle supplies and new parts.....	52-5013	A	B	1982	262.4	267.4	-1.9	20	1,398	S	45
5014	Tires and tubes.....	52-5014	A	X		28.6	29.4	-2.8	16	143	S	25
5015	Motor vehicle parts, used .....	52-5015	A	X		40.0	40.1	-.3	10	234	S	35
502	Furniture and home furnishings.....	52-5020	A	A	1972	135.5	137.9	-1.8	14	590	-	7
5021	Furniture.....	52-5021	A	B	1982	61.9	63.4	-2.4	13	265	S	35
5023	Home furnishings.....	52-5023	A	B	1982	73.6	74.5	-1.2	15	325	S	45
503	Lumber and other construction materials...	52-5030	A	A	1972	208.6	221.5	-6.2	19	1,323	-	12
5031	Lumber, plywood, and millwork.....	52-5031	A	B	1982	110.5	115.4	-4.4	22	656	S	45
5032	Brick, stone, and related materials.....	52-5032	A	X		37.6	39.7	-5.6	13	264	S	35
5033	Roofing, siding, and insulation.....	52-5033	A	X		27.0	27.7	-2.6	15	173	S	25
5039	Construction materials, nec.....	52-5039	A	B	1988	33.5	38.7	-15.5	18	230	S	35
504	Professional and commercial equipment.....	52-5040	A	A	1988	759.9	743.6	2.1	24	2,163	-	21
5043	Photographic equipment and supplies.....	52-5043	A	X		27.5	29.0	-5.5	28	86	S	25
5044	Office equipment.....	52-5044	A	B	1988	184.7	184.6	.1	28	598	S	45
5045	Computers, peripherals and software.....	52-5045	A	B	1988	287.9	268.6	6.7	32	632	S	55
5046	Commercial equipment, nec.....	52-5046	A	X		50.4	51.6	-2.4	14	229	S	35
5047	Medical and hospital equipment.....	52-5047	A	A	1988	154.5	154.0	.3	10	415	S	35
5048	Ophthalmic goods.....	52-5048	A	X		19.9	20.9	-5.0	20	78	S	25
5049	Professional equipment, nec.....	52-5049	A	X		35.0	34.9	.3	14	125	S	25
505	Metals and minerals, except petroleum.....	52-5050	A	A	1972	129.9	130.9	-.8	19	726	-	4
5051,2	Metals and minerals, except petroleum....	52-5052	A			129.9	130.9	-.8	19	726	S	45
506	Electrical goods.....	52-5060	A	A	1958	445.7	478.9	-7.4	15	1,820	-	12
5063	Electrical apparatus and equipment.....	52-5063	A	B	1988	192.0	203.3	-5.9	17	977	S	45

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			Pro- duced	Pub- lished		Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
5064	Electrical appliances, television and radio sets.....	52-5064	A	B	1982	50.2	53.0	-5.6	16	225	S	45
5065	Electronic parts and equipment.....	52-5065	A	B	1988	203.5	222.6	-9.4	14	618	S	45
507	Hardware, plumbing, and heating equipment.	52-5070	A	A	1972	263.8	266.9	-1.2	16	1,476	-	12
5072	Hardware.....	52-5072	A	B	1982	92.6	91.9	.8	18	457	S	45
5074	Plumbing and hydronic heating supplies...	52-5074	A	B	1982	106.5	109.7	-3.0	16	671	S	35
5075	Warm air heating and air-conditioning....	52-5075	A	X		52.0	52.3	-.6	14	259	S	35
5078	Refrigeration equipment and supplies.....	52-5078	A	X		12.7	13.0	-2.4	17	89	S	25
508	Machinery, equipment, and supplies.....	52-5080	A	A	1982	722.2	741.6	-2.7	17	4,145	-	20
5082	Construction and mining machinery.....	52-5082	A	B	1982	72.1	71.4	1.0	33	445	S	45
5083	Farm and garden machinery.....	52-5083	A	B	1982	109.2	109.6	-.4	18	1,010	S	35
5084	Industrial machinery and equipment.....	52-5084	A	B	1982	290.7	304.8	-4.9	13	1,408	S	45
5085	Industrial supplies.....	52-5085	A	B	1982	138.5	139.0	-.4	17	836	S	45
5087	Service establishment equipment.....	52-5087	A	X		76.4	79.6	-4.2	12	301	S	35
5088	Transportation equipment and supplies....	52-5088	A	X		35.3	37.2	-5.4	14	145	S	25
509	Misc. wholesale trade durable goods.....	52-5090	A	A	1988	282.4	294.3	-4.2	16	1,278	-	14
5091	Sporting and recreational goods.....	52-5091	A	X		40.7	43.4	-6.6	14	175	S	25
5092	Toys and hobby goods and supplies.....	52-5092	A	X		25.0	24.5	2.0	11	95	S	25
5093	Scrap and waste materials.....	52-5093	A	B	1982	104.0	105.2	-1.2	21	657	S	35
5094	Jewelry and precious stones.....	52-5094	A	X		48.5	49.8	-2.7	9	121	S	35
5099	Wholesale trade durable goods, nec.....	52-5099	A	X		64.2	71.4	-11.2	16	230	S	45
51	Nondurable goods.....	53-5100	A	A	1972	2,513	2,590	-3.1	21	10,541	-	102
511	Paper and paper products.....	53-5110	A	A	1972	242.2	243.1	-.4	18	867	-	10
5111	Printing and writing paper.....	53-5111	A	X		23.1	24.4	-5.6	22	107	S	25
5112	Stationery and office supplies.....	53-5112	A	B	1988	133.1	132.6	.4	15	371	S	45
5113	Industry and personal service paper.....	53-5113	A	X		86.0	86.1	-.1	22	389	S	45
512	Drugs, proprietaries, and sundries.....	53-5120	A	A	1972	198.0	204.0	-3.0	16	521	-	5
5122	Drugs, proprietaries, and sundries.....	53-5122	A			198.0	204.0	-3.0	16	521	S	55
513	Apparel, piece goods, and notions.....	53-5130	A	A	1958	204.2	209.1	-2.4	16	625	-	11
5131	Piece goods and notions.....	53-5131	A	X		52.6	53.1	-1.0	14	234	S	45
5136	Men's and boys' clothing.....	53-5136	A	X		47.1	44.0	6.6	15	153	S	25
5137	Women's and children's clothing.....	53-5137	A	X		81.8	89.1	-8.9	15	187	S	35
5139	Footwear.....	53-5139	A	X		22.7	22.9	-.9	29	51	S	25
514	Groceries and related products.....	53-5140	A	A	1958	829.9	856.2	-3.2	24	2,935	-	28
5141	Groceries, general line.....	53-5141	A	B	1982	270.8	272.7	-.7	34	651	S	55
5142	Packaged frozen foods.....	53-5142	A	X		35.2	36.5	-3.7	20	97	S	25
5143	Dairy products, except dried or canned...	53-5143	A	X		45.0	47.7	-6.0	26	246	S	35
5144	Poultry and poultry products.....	53-5144	A	X		17.5	18.1	-3.4	22	90	S	25
5145	Confectionery.....	53-5145	A	X		50.6	51.3	-1.4	8	135	S	35
5146	Fish and seafoods.....	53-5146	A	X		27.3	27.5	-.7	16	142	S	25
5147	Meats and meat products.....	53-5147	A	B	1982	59.1	61.3	-3.7	17	279	S	35
5148	Fresh fruits and vegetables.....	53-5148	A	B	1982	92.6	94.3	-1.8	25	445	S	45
5149	Groceries and related products, nec.....	53-5149	A	X		231.8	246.8	-6.5	19	850	S	45
515	Farm-product raw materials.....	53-5150	A	A	1972	110.2	113.6	-3.1	23	919	-	9
5153	Grain and field beans.....	53-5153	A	X		59.9	64.8	-8.2	23	490	S	35
5154	Livestock.....	53-5154	A	X		34.7	35.1	-1.2	20	270	S	35

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program

1987 SIC Code	Industry	BLS tabu- lating code	Basic series Pro- duced	Begin- ning Pub- lished pub.	date of AE	March 1993					Est. No. and met- hod of strata	
						Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
5159	Farm-product raw materials, nec.....	53-5159	A	X		15.6	13.7	12.2	29	159	S	35
516	Chemicals and allied products.....	53-5160	A	A	1972	141.4	139.8	1.1	13	542	-	5
5162	Plastics materials and basic shapes.....	53-5162	A	X		26.5	26.9	-1.5	10	112	S	25
5169	Chemicals and allied products, nec.....	53-5169	A	X		114.9	112.9	1.7	14	430	S	35
517	Petroleum and petroleum products.....	53-5170	A	A	1972	163.0	175.9	-7.9	23	1,172	-	9
5171	Petroleum bulk stations and terminals....	53-5171	A	B	1982	66.6	73.0	-9.6	30	523	S	55
5172	Petroleum products, nec.....	53-5172	A	B	1982	96.4	102.9	-6.7	18	649	S	45
518	Beer, wine, and distilled beverages.....	53-5180	A	A	1972	145.0	145.4	-.3	33	852	-	7
5181	Beer and ale.....	53-5181	A	B	1982	94.0	94.3	-.3	34	645	S	45
5182	Wine and distilled beverages.....	53-5182	A	B	1982	51.0	51.1	-.2	31	207	S	35
519	Miscellaneous wholesale trade nondurable goods.....	53-5190	A	A	1972	479.1	503.0	-5.0	16	2,108	-	18
5191	Farm supplies.....	53-5191	A	B	1982	153.5	159.5	-3.9	20	988	S	45
5192	Books, periodicals, and newspapers.....	53-5192	A	X		73.8	73.8	0	20	217	S	35
5193	Flowers and florists' supplies.....	53-5193	A	X		49.7	51.5	-3.6	15	200	S	25
5194	Tobacco and tobacco products.....	53-5194	A	X		48.6	48.8	-.4	27	258	S	25
5198	Paints, varnishes, and supplies.....	53-5198	A	X		28.2	28.8	-2.1	10	102	S	35
5199	Wholesale trade nondurable goods, nec....	53-5199	A	X		125.3	140.6	-12.2	8	343	S	45
52-59	Retail trade.....	60-0000	A	A	1939	19,133	19,173	-.2	25	65,892	-	221
52	Building materials and garden supplies.....	60-5200	A	A	1972	739.0	752.1	-1.8	24	4,958	-	18
521	Lumber and other building materials.....	60-5210	A	A	1972	425.2	425.7	-.1	30	2,578	-	5
5211	Lumber and other building materials.....	60-5211	A			425.2	425.7	-.1	30	2,578	S	55
523	Paint, glass, and wallpaper stores.....	60-5230	A	A	1972	64.1	66.0	-3.0	18	509	-	3
5231	Paint, glass, and wallpaper stores.....	60-5231	A			64.1	66.0	-3.0	18	509	S	35
525	Hardware stores.....	60-5250	A	A	1972	150.4	155.3	-3.3	19	1,146	-	4
5251	Hardware stores.....	60-5251	A			150.4	155.3	-3.3	19	1,146	S	45
526	Retail nurseries and garden stores.....	60-5260	A	A	1972	74.2	79.5	-7.1	15	515	-	3
5261	Retail nurseries and garden stores.....	60-5261	A			74.2	79.5	-7.1	15	515	S	35
527	Mobile home dealers.....	60-5270	A	X		25.1	25.6	-2.0	13	210	-	3
5271	Mobile home dealers.....	60-5271	A			25.1	25.6	-2.0	13	210	S	35
53	General merchandise stores.....	60-5300	A	A	1972	2,390.8	2,298.6	3.9	63	9,069	-	12
531	Department stores.....	60-5310	A	A	1958	2,047.7	1,939.6	5.3	68	7,228	-	3
5311	Department stores.....	60-5311	A			2,047.7	1,939.6	5.3	68	7,228	S	35
533	Variety stores.....	60-5330	A	A	1958	152.5	155.5	-2.0	30	756	-	5
5331	Variety stores.....	60-5331	A			152.5	155.5	-2.0	30	756	S	55
539	Miscellaneous general merchandise stores..	60-5390	A	A	1988	190.6	203.5	-6.8	27	1,085	-	4
5399	Miscellaneous general merchandise stores..	60-5399	A			190.6	203.5	-6.8	27	1,085	S	45
54	Food stores.....	60-5400	A	A	1958	3,157.4	3,156.1	(3)	36	8,006	-	33
541	Grocery stores.....	60-5410	A	A	1972	2,834.5	2,818.0	.6	39	6,818	-	17
5411	Grocery stores.....	60-5411	A			2,834.5	2,818.0	.6	39	6,818	S	17R5
542	Meat and fish markets.....	60-5420	A	B	1972	44.5	51.4	-15.5	8	231	-	3
5421	Meat and fish markets.....	60-5421	A			44.5	51.4	-15.5	8	231	S	35
543	Fruit and vegetable markets.....	60-5430	A	X		22.3	23.5	-5.4	15	93	-	2

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program

1987 SIC Code	Industry	BLS tabu- lating code	Basic series		Begin- ning date of pub. AE	March 1993					Est. No. and met- type hod of strata	
			Pro- duced	Pub- lished		Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample			
									Percent cover- age	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
5431	Fruit and vegetable markets.....	60-5431	A			22.3	23.5	-5.4	15	93	S	25
544	Candy, nut, and confectionery stores.....	60-5440	A	X		29.2	30.8	-5.5	12	142	-	3
5441	Candy, nut, and confectionery stores.....	60-5441	A			29.2	30.8	-5.5	12	142	S	35
545	Dairy products stores.....	60-5450	A	B	1982	13.9	15.2	-9.4	15	64	-	3
5451	Dairy products stores.....	60-5451	A			13.9	15.2	-9.4	15	64	S	35
546	Retail bakeries.....	60-5460	A	A	1972	163.9	165.2	-.8	7	508	-	3
5461	Retail bakeries.....	60-5461	A			163.9	165.2	-.8	7	508	S	35
549	Miscellaneous food stores.....	60-5490	A	X		49.1	52.0	-5.9	9	150	-	2
5499	Miscellaneous food stores.....	60-5499	A			49.1	52.0	-5.9	9	150	S	25
55	Automotive dealers and service stations....	60-5500	A	A	1958	1,968.1	1,991.7	-1.2	20	9,955	-	34
551	New and used car dealers.....	60-5510	A	A	1972	890.2	892.0	-.2	27	4,739	-	4
5511	New and used car dealers.....	60-5511	A			890.2	892.0	-.2	27	4,739	S	45
552	Used car dealers.....	60-5520	A	X		63.1	67.8	-7.4	4	266	-	2
5521	Used car dealers.....	60-5521	A			63.1	67.8	-7.4	4	266	S	25
553	Auto and home supply stores.....	60-5530	A	A	1972	329.3	341.9	-3.8	14	1,696	-	14
5531	Auto and home supply stores.....	60-5531	A			329.3	341.9	-3.8	14	1,696	S	14R5
554	Gasoline service stations.....	60-5540	A	A	1958	606.5	605.3	.2	15	2,561	-	5
5541	Gasoline service stations.....	60-5541	A			606.5	605.3	.2	15	2,561	S	55
555	Boat dealers.....	60-5550	A	X		28.1	31.5	-12.1	16	280	-	3
5551	Boat dealers.....	60-5551	A			28.1	31.5	-12.1	16	280	S	35
556	Recreational vehicle dealers.....	60-5560	A	X		20.5	21.0	-2.4	15	164	-	2
5561	Recreational vehicle dealers.....	60-5561	A			20.5	21.0	-2.4	15	164	S	25
557	Motorcycle dealers.....	60-5570	A	X		23.4	25.2	-7.7	10	189	-	3
5571	Motorcycle dealers.....	60-5571	A			23.4	25.2	-7.7	10	189	S	35
559	Automotive dealers, nec.....	60-5590	A	A	1988	7.0	7.0	0	17	60	-	1
5599	Automotive dealers, nec.....	60-5599	A			7.0	7.0	0	17	60	S	1
56	Apparel and accessory stores.....	60-5600	A	A	1947	1,107.8	1,108.6	-.1	17	4,661	-	26
561	Men's and boys' clothing stores.....	60-5610	A	A	1958	86.2	87.6	-1.6	12	420	-	4
5611	Men's and boys' clothing stores.....	60-5611	A			86.2	87.6	-1.6	12	420	S	45
562	Women's clothing stores.....	60-5620	A	A	1958	356.0	369.0	-3.7	12	1,246	-	5
5621	Women's clothing stores.....	60-5621	A			356.0	369.0	-3.7	12	1,246	S	55
563	Women's accessory and specialty stores....	60-5630	A	X		51.5	50.6	1.7	6	166	-	2
5632	Women's accessory and specialty stores...	60-5632	A			51.5	50.6	1.7	6	166	S	25
564	Children's and infants' wear stores.....	60-5640	A	X		33.0	30.1	8.8	10	160	-	3
5641	Children's and infants' wear stores.....	60-5641	A			33.0	30.1	8.8	10	160	S	35
565	Family clothing stores.....	60-5650	A	A	1958	298.0	294.3	1.2	37	1,535	-	5
5651	Family clothing stores.....	60-5651	A			298.0	294.3	1.2	37	1,535	S	55
566	Shoe stores.....	60-5660	A	A	1958	204.5	199.2	2.6	8	795	-	4
5661	Shoe stores.....	60-5661	A			204.5	199.2	2.6	8	795	S	45
569	Miscellaneous apparel and accessory stores	60-5690	A	X		78.6	77.8	1.0	9	339	-	3
5699	Miscellaneous apparel and accessory stores.....	60-5699	A			78.6	77.8	1.0	9	339	S 1	35
57	Furniture and home furnishings stores.....	60-5700	A	A	1951	807.9	828.2	-2.5	15	3,723	-	24
571	Furniture and home furnishings stores.....	60-5710	A	A	1958	437.1	452.9	-3.6	15	2,305	-	10

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1987 SIC Code	Industry	BLS tabu- lating code	Basic series Pro- duced	Begin- ning Pub- lished pub.	date of AE	March 1995					Est. met- hod	No. and type of strata
						Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
5712	Furniture stores.....	60-5712	A	B	1982	264.1	275.7	-4.4	16	1,494	S	45
5713	Floor covering stores.....	60-5713	A	X		76.3	78.8	-3.3	11	436	S	35
5714,9	Drapery, upholstery, and miscellaneous home furnishings.....	60-5719	A	X		96.7	98.4	-1.8	14	375	S	35
572	Household appliance stores.....	60-5720	A	A	1972	75.7	73.7	2.6	21	559	-	4
5722	Household appliance stores.....	60-5722	A			75.7	73.7	2.6	21	559	S	45
573	Radio, television, and computer stores....	60-5730	A	A	1972	295.1	301.6	-2.2	14	859	-	10
5731	Radio, television, and electronic stores.	60-5731	A	A	1988	121.4	124.2	-2.3	17	362	S	35
5734	Computer and software stores.....	60-5734	A	X		80.3	83.0	-3.4	11	183	S	25
5735	Record and prerecorded tape stores.....	60-5735	A	A	1988	66.6	66.7	-.2	13	122	S	25
5736	Musical instrument stores.....	60-5736	A	X		26.8	27.7	-3.4	15	192	S	35
58	Eating and drinking places.....	60-5800	A	A	1958	6,559.6	6,607.9	-.7	14	15,695	P	5
581	Eating and drinking places.....	60-5810	A			6,559.6	6,607.9	-.7	14	15,695	P	5
5812,3	Eating and drinking places.....	60-5813	A			6,559.6	6,607.9	-.7	14	15,695	P 1	55
59	Miscellaneous retail establishments.....	60-5900	A	A	1972	2,402.0	2,429.6	-1.1	17	9,825	•	69
591	Drug stores and proprietary stores.....	60-5910	A	A	1951	589.6	602.3	-2.2	27	2,288	-	15
5912	Drug stores and proprietary stores.....	60-5912	A			589.6	602.3	-2.2	27	2,288	S	15R5
592	Liquor stores.....	60-5920	A	B	1972	110.5	111.4	-.8	6	500	-	3
5921	Liquor stores.....	60-5921	A			110.5	111.4	-.8	6	500	S	35
593	Used merchandise stores.....	60-5930	A	A	1988	83.6	81.2	2.9	13	303	-	3
5932	Used merchandise stores.....	60-5932	A			83.6	81.2	2.9	13	303	S	35
594	Miscellaneous shopping goods stores.....	60-5940	A	A	1972	822.8	811.1	1.4	14	3,562	-	24
5941	Sporting goods and bicycle shops.....	60-5941	A	B	1982	152.4	151.7	.5	17	574	S	35
5942	Book stores.....	60-5942	A	B	1982	99.7	91.0	8.7	12	287	S	35
5943	Stationery stores.....	60-5943	A	B	1982	70.8	72.0	-1.7	15	304	S	35
5944	Jewelry stores.....	60-5944	A	B	1982	132.3	133.9	-1.2	13	1,186	S	45
5945	Hobby, toy, and game shops.....	60-5945	A	X		90.3	95.2	-5.4	18	315	S	25
5947	Gift, novelty, and souvenir shops.....	60-5947	A	B	1982	177.3	166.3	6.2	8	560	S	35
5946,8	Camera, luggage, and leather goods stores	60-5948	A	X		36.7	37.7	-2.7	10	152	S	35
5949	Sewing, needlework, and piece goods.....	60-5949	A	B	1982	63.3	63.3	0	20	184	S	35
596	Nonstore retailers.....	60-5960	A	A	1972	291.3	290.8	.2	25	835	-	13
5961	Catalog and mail-order houses.....	60-5961	A	B	1982	167.2	161.8	3.2	30	288	S	55
5962	Merchandising machine operators.....	60-5962	A	B	1982	72.4	77.9	-7.6	19	287	S	45
5963	Direct selling establishments.....	60-5963	A	X		51.7	51.1	1.2	17	260	S	45
598	Fuel dealers.....	60-5980	A	A	1958	100.8	100.8	0	21	940	-	3
5983,4,9	Fuel dealers.....	60-5989	A			100.8	100.8	0	21	940	S	35
599	Retail stores, nec.....	60-5990	A	A	1972	403.4	432.0	-7.1	6	1,397	-	8
5992,3,4	Florists, tobacco stores, and newsstands.	60-5994	A	B	1988	134.0	146.6	-9.4	7	560	S	35
5995	Optical goods stores.....	60-5995	A	A	1988	61.2	64.6	-5.6	6	156	S	2R5
5999	Miscellaneous retail stores, nec.....	60-5999	A	A	1988	208.2	220.8	-6.1	5	681	S	35
60-65,67	Finance, insurance, and real estate.....	70-0000	A	A	1939	6,633	6,533	1.5	33	24,346	-	70
60-62,67	Finance.....	71-0000	A	B	1972	3,189	3,179	.3	40	11,920	-	45

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1987 SIC Code	Industry	BLS tabu- lating code	Basic series Pro-duced	Begin- ning Pub-lished	date of pub. AE	Bench- mark employ- ment	March 1993				Est. No. and met- hod of strata	type of strata
							Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
60	Depository institutions.....	71-6000	A	A	1988	2,078.9	2,103.0	-1.2	50	8,278	-	19
601	Central reserve depositories.....	71-6010	A	X		26.0	26.9	-3.5	62	39	-	1
6011,9	Federal and central reserve depositories.....	71-6019	A			26.0	26.9	-3.5	62	39	5	1
602	Commercial banks.....	71-6020	A	A	1972	1,487.0	1,483.0	.3	52	5,046	-	4
6022	State commercial banks.....	71-6022	A	A	1988	606.0	606.1	(3)	43	2,692	5	25
6021,9	National and commercial banks, nec.....	71-6029	A	A	1982	881.0	876.9	.5	58	2,354	5	25
603	Savings institutions.....	71-6030	A	B	1988	326.8	356.7	-9.1	53	1,668	-	7
6035	Federal savings institutions.....	71-6035	A	B	1982	175.6	191.3	-8.9	51	666	5	45
6036	Savings institutions, except federal.....	71-6036	A	B	1988	151.2	165.4	-9.4	57	1,002	5	35
606	Credit unions.....	71-6060	A	A	1988	142.2	142.7	-.4	32	1,334	-	3
6061,2	Credit unions.....	71-6062	A			142.2	142.7	-.4	32	1,334	5	35
608	Foreign banks and branches and agencies....	71-6080	A	X		34.4	33.4	2.9	21	62	-	2
6081,2	Foreign banks and branches and agencies....	71-6082	A			34.4	33.4	2.9	21	62	5	25
609	Functions closely related to banking.....	71-6090	A	X		62.5	60.3	3.5	45	129	-	2
6091,9	Functions closely related to banking.....	71-6099	A			62.5	60.3	3.5	45	129	5	25
61	Nondepository institutions.....	71-6100	A	A	1988	434.8	401.3	7.7	24	1,690	-	12
611	Federal and federally sponsored credit agencies.....	71-6110	A	X		17.8	16.8	5.6	16	59	-	1
6111	Federal and federally sponsored credit agencies.....	71-6111	A			17.8	16.8	5.6	16	59	5	1
614	Personal credit institutions.....	71-6140	A	A	1988	129.6	124.6	3.9	28	835	-	3
6141	Personal credit institutions.....	71-6141	A			129.6	124.6	3.9	28	835	5	35
615	Business credit institutions.....	71-6150	A	B	1972	81.1	80.0	1.4	34	298	-	4
6153	Short-term business credit.....	71-6153	A	X		49.6	48.7	1.8	42	99	5	1
6159	Misc. business credit institutions.....	71-6159	A	X		31.5	31.3	.6	22	199	5	35
616	Mortgage bankers and brokers.....	71-6160	A	B	1982	206.3	179.9	12.8	17	498	-	4
6162,3	Mortgage bankers and brokers.....	71-6163	A			206.3	179.9	12.8	17	498	5	45
62	Security and commodity brokers.....	71-6200	A	B	1947	455.0	451.1	.9	19	1,094	-	9
621	Security brokers and dealers.....	71-6210	A	B	1972	345.3	345.4	(3)	19	732	-	4
6211	Security brokers and dealers.....	71-6211	A			345.3	345.4	(3)	19	732	5	45
622,3	Commodity contracts brokers, dealers, and exchanges.....	71-6230	A	B	1988	23.0	22.7	1.3	22	74	-	2
6221,31	Commodity contracts brokers, dealers, and exchanges.....	71-6231	A			23.0	22.7	1.3	22	74	5	25
628	Security and commodity services.....	71-6280	A	A	1988	86.7	83.0	4.3	18	288	-	3
6282	Investment advice.....	71-6282	A	X		62.7	57.3	8.6	13	237	5	25
6289	Security and commodity services, nec.....	71-6289	A	X		24.0	25.7	-7.1	33	51	5	1
67	Holding and other investment offices.....	71-6700	A	B	1972	219.9	223.5	-1.6	25	858	-	5
671	Holding offices.....	71-6710	A	B	1972	103.6	99.3	4.2	30	325	-	3
6712	Bank holding companies.....	71-6712	A	X		27.8	26.2	5.8	31	73	5	1
6719	Holding companies, nec.....	71-6719	A	X		75.8	73.1	3.6	30	252	5	25
673	Trusts.....	71-6730	A	X		68.2	78.9	-15.7	16	233	-	1
6732,3	Trusts.....	71-6733	A			68.2	78.9	-15.7	16	233	5	1
672,9	Investment offices and misc. investing....	71-6790	A	X		48.1	45.3	5.8	28	300	-	1

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Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program

1987 SIC Code	Industry	BLS tabu- lating code	Basic series Pro- duced	Begin- ning date of pub. AE	March 1993						Est. No. and met- hod of strata	
					Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
6722,6;												
6792,4,8,9	Investment offices and misc. investing...	71-6799	A			48.1	45.3	5.8	28	300	5	1
63,64	Insurance.....	72-0000	A	B	1972	2,173	2,109	2.9	34	7,095	-	14
63	Insurance carriers.....	72-6300	A	A	1958	1,511.3	1,461.1	3.3	44	3,837	-	11
631	Life insurance.....	72-6310	A	A	1958	565.1	523.6	7.3	31	966	-	2
6311	Life insurance.....	72-6311	A			565.1	523.6	7.3	31	966	5	25
632	Medical service and health insurance.....	72-6320	A	A	1958	275.3	269.5	2.1	60	413	-	4
6321	Accident and health insurance.....	72-6321	A	X		61.0	60.6	.7	52	183	5	25
6324	Hospital and medical service plans.....	72-6324	A	A	1988	214.3	208.9	2.5	62	230	5	25
633	Fire, marine, and casualty insurance.....	72-6330	A	A	1958	544.0	545.7	-.3	53	1,892	-	2
6331	Fire, marine, and casualty insurance.....	72-6331	A			544.0	545.7	-.3	53	1,892	5	25
636	Title insurance.....	72-6360	A	B	1982	68.7	64.4	6.3	19	276	-	1
6361	Title insurance.....	72-6361	A			68.7	64.4	6.3	19	276	5	1
637	Pension, health, and welfare funds.....	72-6370	A	X		39.4	39.7	-.8	33	207	-	1
6371	Pension, health, and welfare funds.....	72-6371	A			39.4	39.7	-.8	33	207	5	1
635,9	Surety insurance and insurance carriers, nec.....	72-6390	A	X		18.8	18.2	3.2	22	83	-	1
6351,99	Surety insurance and insurance carriers, nec.....	72-6399	A			18.8	18.2	3.2	22	83	5	1
64	Insurance agents, brokers, and service.....	72-6400	A	B	1972	661.8	647.6	2.1	14	3,258	-	3
641	Insurance agents, brokers, and service....	72-6410	A			661.8	647.6	2.1	14	3,258	-	3
6411	Insurance agents, brokers, and service...	72-6411	A			661.8	647.6	2.1	14	3,258	5	35
65	Real estate.....	73-0000	A	B	1972	1,271	1,245	2.0	11	5,331	-	11
65	Real estate.....	73-6500	A			1,271	1,245	2.0	11	5,331	-	11
651	Real estate operators and lessors.....	73-6510	A	B	1972	542.4	541.1	.2	10	2,229	-	3
6512,3,4, 5,7,9	Real estate operators and lessors.....	73-6519	A			542.4	541.1	.2	10	2,229	5 1	35
653	Real estate agents and managers.....	73-6530	A	B	1972	592.4	567.5	4.2	10	2,129	-	3
6531	Real estate agents and managers.....	73-6531	A			592.4	567.5	4.2	10	2,129	5	35
654	Title abstract offices.....	73-6540	A	X		32.1	32.1	0	24	245	-	2
6541	Title abstract offices.....	73-6541	A			32.1	32.1	0	24	245	5	25
655	Subdividers and developers.....	73-6550	A	B	1964	103.7	104.5	-.8	18	728	-	3
6552,3	Subdividers and developers.....	73-6553	A			103.7	104.5	-.8	18	728	5	35
07,70-87,												
89,99	Services.....	80-0000	A	A	1939	29,647	29,612	.1	26	77,599	-	361
07	Agricultural services.....	80-0700	A	A	1982	447.1	443.4	.8	11	2,475	-	11
074	Veterinary services.....	80-0740	A	A	1982	142.2	137.9	3.0	8	959	-	3
0741,2	Veterinary services.....	80-0742	A			142.2	137.9	3.0	8	959	5	35
075	Animal services, except veterinary.....	80-0750	A	X		42.8	40.8	4.7	13	282	-	3
0751,2	Animal services, except veterinary.....	80-0752	A			42.8	40.8	4.7	13	282	5	35

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1987 SIC Code	Industry	BLS tabu- lating code	Basic series Pro- duced	Begin- ning Pub- lished pub.	date of AE	March 1993					Est. No. and met- hod of strata	type of strata
						Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample			
									Percent cover- age	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
078	landscape and horticultural services.....	80-0780	A	A	1982	262.1	264.7	-1.0	13	1,234	-	5
0781,2,3	landscape and horticultural services.....	80-0783	A			262.1	264.7	-1.0	13	1,234	S	55
70	Hotels and other lodging places.....	80-7000	A	B	1972	1,517.6	1,503.9	.9	30	3,885	-	8
701	Hotels and motels.....	80-7010	A	A	1958	1,476.9	1,461.7	1.0	30	3,485	-	5
7011	Hotels and motels.....	80-7011	A			1,476.9	1,461.7	1.0	30	3,485	S 1	55
703	Camps and recreational vehicle parks.....	80-7030	A	X		23.4	25.9	-10.7	14	270	-	1
7032,3	Camps and recreational vehicle parks.....	80-7033	A			23.4	25.9	-10.7	14	270	S	1
702,4	Rooming and boarding houses, and membership-basis organization hotels....	80-7040	A	X		17.3	16.3	5.8	15	130	-	2
7021,41	Rooming and boarding houses, and membership-basis organization hotels....	80-7041	A			17.3	16.3	5.8	15	130	S	25
72	Personal services.....	80-7200	A	B	1958	1,191.6	1,136.1	4.7	20	5,506	-	27
721	Laundry, cleaning, and garment services...	80-7210	A	A	1972	415.8	412.8	.7	21	2105	-	10
7211,2	Powder laundries and garment pressing and cleaners' agents.....	80-7212	A	X		58.4	(6)	-	16	283	S	25
7213	linen supply.....	80-7213	A	X		63.5	(6)	-	45	371	S	25
7216,7	Drycleaning plants and carpet and upholstery cleaning, except rugs.....	80-7217	A	X		191.5	(6)	-	13	970	S	25
7218	Industrial launderers.....	80-7218	A	X		43.8	(6)	-	40	211	S	25
7215,9	Coin-operated laundries and laundry and garment services, nec.....	80-7219	A	X		58.6	(6)	-	10	270	S	25
722	Photographic studios, portrait.....	80-7220	A	B	1982	67.4	67.6	-.3	24	397	-	4
7221	Photographic studios, portrait.....	80-7221	A			67.4	67.6	-.3	24	397	S	45
723	Beauty shops.....	80-7230	A	A	1972	383.8	382.7	.3	7	1,430	-	3
7231	Beauty shops.....	80-7231	A			383.8	382.7	.3	7	1,430	S	35
724	Barber shops.....	80-7240	A	X		13.8	13.3	3.6	6	98	-	1
7241	Barber shops.....	80-7241	A			13.8	13.3	3.6	6	98	S	1
725	Shoe repair shops and shoeshine parlors...	80-7250	A	X		6.4	6.7	-4.7	8	52	-	1
7251	Shoe repair shops and shoeshine parlors..	80-7251	A			6.4	6.7	-4.7	8	52	S	1
726	Funeral service and crematories.....	80-7260	A	B	1972	85.9	86.2	-.3	12	607	-	3
7261	Funeral service and crematories.....	80-7261	A			85.9	86.2	-.3	12	607	S	35
729	Miscellaneous personal services.....	80-7290	A	A	1988	218.5	166.8	23.7	39	817	-	5
7291	Tax return preparation services.....	80-7291	A	X		118.1	72.3	38.8	60	548	S	25
7299	Miscellaneous personal services, nec.....	80-7299	A	X		100.4	94.5	5.9	13	269	S	35
73	Business services.....	80-7300	A	A	1958	5,506.0	5,497.7	.2	18	11,038	-	87
731	Advertising.....	80-7310	A	A	1958	224.8	223.9	.4	17	805	-	9
7311	Advertising agencies.....	80-7311	A	B	1982	152.7	151.4	.9	18	512	S	55
7312,3,9	Outdoor, radio, television, and other advertising, nec.....	80-7319	A	X		72.1	72.5	-.6	15	293	S	45
732	Credit reporting and collection.....	80-7320	A	B	1958	115.3	116.2	-.8	22	509	-	7
7322	Adjustment and collection services.....	80-7322	A	X		77.6	78.0	-.5	19	320	S	45
7323	Credit reporting services.....	80-7323	A	X		37.7	38.2	-1.3	26	189	S	35

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						Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
733	Mailing, reproduction, and stenographic services.....	80-7330	A	B	1972	239.9	235.1	2.0	14	707	-	12
7331	Direct mail advertising services.....	80-7331	A	X		88.3	88.4	-.1	24	217	S	35
7334	Photocopying and duplicating services....	80-7334	A	A	1988	55.2	51.8	6.2	9	156	S	25
7335	Commercial photography.....	80-7335	A	X		16.1	16.6	-3.1	10	69	S	25
7336	Commercial art and graphic design.....	80-7336	A	X		47.3	47.0	.6	6	156	S	35
7338	Secretarial and court reporting.....	80-7338	A	X		33.0	31.3	5.2	6	109	S	25
734	Services to buildings.....	80-7340	A	A	1964	807.5	807.7	(3)	18	1,700	-	8
7342	Disinfecting and pest control services...	80-7342	A	A	1988	73.8	78.6	-6.5	12	304	S	35
7349	Building maintenance services, nec.....	80-7349	A	A	1988	733.7	729.1	.6	18	1,396	S	55
735	Miscellaneous equipment rental and leasing.....	80-7350	A	A	1988	202.7	203.1	-.2	14	978	-	7
7352	Medical equipment rental.....	80-7352	A	A	1988	30.9	30.3	1.9	9	84	S	1
7353	Heavy construction equipment rental.....	80-7353	A	A	1988	36.0	38.5	-6.9	19	261	S	35
7359	Equipment rental and leasing, nec.....	80-7359	A	A	1988	135.8	134.3	1.1	13	633	S	35
736	Personnel supply services.....	80-7360	A	B	1972	1,735.8	1,797.4	-3.5	20	2,080	-	8
7361	Employment agencies.....	80-7361	A	B	1982	235.2	246.1	-4.6	12	422	S	45
7363	Help supply services.....	80-7363	A	A	1982	1,500.6	1,551.3	-3.4	21	1,658	S	45
737	Computer and data processing services.....	80-7370	A	A	1972	881.6	867.5	1.6	21	1,669	-	21
7371	Computer programming services.....	80-7371	A	A	1988	181.8	177.6	2.3	17	386	S	35
7372	Prepackaged software.....	80-7372	A	B	1988	140.1	139.6	.4	18	233	S	25
7373	Computer integrated systems design.....	80-7373	A	A	1988	108.2	108.2	0	32	191	S	35
7374	Data processing and preparation.....	80-7374	A	B	1988	209.5	211.6	-1.0	27	383	S	55
7375	Information retrieval services.....	80-7375	A	A	1988	47.5	48.6	-2.3	25	82	S	25
7376	Computer facilities management.....	80-7376	A	X		25.8	27.4	-6.2	32	42	S	1
7377	Computer rental and leasing.....	80-7377	A	X		9.8	8.2	16.3	16	24	S	1
7378	Computer maintenance and repair.....	80-7378	A	A	1988	42.8	42.5	.7	14	113	S	25
7379	Computer related services, nec.....	80-7379	A	X		116.1	103.8	10.6	11	215	S	25
738	Miscellaneous business services.....	80-7380	A	A	1988	1,298.4	1,246.8	4.0	17	2,590	-	15
7381	Detective and armored car services.....	80-7381	A	D	1982	474.5	468.2	1.3	26	751	S	55
7382	Security systems services.....	80-7382	A	A	1988	41.2	38.4	6.8	12	112	S	25
7383	News syndicates.....	80-7383	A	X		9.9	10.1	-2.0	8	21	S	1
7384	Photofinishing laboratories.....	80-7384	A	B	1982	70.5	71.3	-1.1	18	213	S	35
7389	Business services, nec.....	80-7389	A	X		702.3	658.8	6.2	11	1,493	S	45
75	Auto repair, services, and parking.....	80-7500	A	A	1972	913.5	902.5	1.2	11	4,181	-	27
751	Automotive rentals, without drivers.....	80-7510	A	A	1982	163.1	159.9	2.0	20	495	-	7
7514	Passenger car rental.....	80-7514	A	A	1988	100.3	99.4	.9	23	309	S	35
7515	Passenger car leasing.....	80-7515	A	X		9.3	9.9	-6.5	20	44	S	1
7513,9	Truck and utility trailer rental.....	80-7519	A	X		53.5	50.6	5.4	12	142	S	35
752	Automobile parking.....	80-7520	A	A	1972	59.4	57.1	3.9	20	192	-	3
7521	Automobile parking.....	80-7521	A			59.4	57.1	3.9	20	192	S	35
753	Automotive repair shops.....	80-7530	A	A	1972	514.9	507.2	1.5	7	2,786	-	13
7533	Auto exhaust system repair shops.....	80-7533	A	X		23.9	23.6	1.3	6	120	S	25
7532,4	Automotive and tire repair shops.....	80-7534	A	A	1988	178.5	177.4	.6	8	1,065	S	35
7536	Automotive glass replacement shops.....	80-7536	A	X		20.6	21.1	-2.4	6	80	S	1

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
7537	Automotive transmission repair shops.....	80-7537	A	X		23.9	23.6	1.3	5	105	S	1
7538	General automotive repair shops.....	80-7538	A	A	1982	217.8	211.2	3.0	5	1,086	S	35
7539	Automotive repair shops, nec.....	80-7539	A	X		50.2	50.3	-2	8	330	S	35
754	Automotive services, except repair.....	80-7540	A	A	1972	176.1	178.3	-1.2	12	708	-	4
7542	Carwashes.....	80-7542	A	A	1988	105.1	105.6	-5	14	463	S	35
7549	Automotive services, nec.....	80-7549	A	X		71.0	72.7	-2.4	9	245	S	1
76	Miscellaneous repair services.....	80-7600	A	A	1964	354.1	347.4	1.9	12	2,122	-	9
762	Electrical repair shops.....	80-7620	A	B	1982	108.5	111.1	-2.4	16	669	-	4
7622,3,9	Electrical repair shops.....	80-7629	A			108.5	111.1	-2.4	16	669	S	45
764	Reupholstery and furniture repair.....	80-7640	A	X		20.9	21.4	-2.4	5	136	-	2
7641	Reupholstery and furniture repair.....	80-7641	A			20.9	21.4	-2.4	5	136	S	25
763,9	Watch and miscellaneous repair shops.....	80-7690	A	X		224.7	214.9	4.4	11	1,317	-	3
7631, 92,94,99	Watch and miscellaneous repair shops....	80-7699	A			224.7	214.9	4.4	11	1,317	S	35
78	Motion pictures.....	80-7800	A	A	1988	403.6	414.8	-2.8	18	1,284	-	10
781	Motion picture production and services....	80-7810	A	A	1972	149.5	170.6	-14.1	23	297	-	3
7812,9	Motion picture production and services...	80-7819	A			149.5	170.6	-14.1	23	297	S	35
782	Motion picture distribution and services..	80-7820	A	X		15.0	15.9	-6.0	27	78	-	1
7822,9	Motion picture distribution and services..	80-7829	A			15.0	15.9	-6.0	27	78	S	1
783	Motion picture theaters.....	80-7830	A	B	1972	106.6	102.6	3.8	22	446	-	4
7832,3	Motion picture theaters.....	80-7833	A			106.6	102.6	3.8	22	446	S	45
784	Video tape rental.....	80-7840	A	A	1988	132.5	125.7	5.1	7	463	-	2
7841	Video tape rental.....	80-7841	A			132.5	125.7	5.1	7	463	S	25
79	Amusement and recreation services.....	80-7900	A	A	1988	1,139.0	1,079.0	5.3	23	4,266	-	24
791	Dance studios, schools, and halls.....	80-7910	A	X		24.9	22.9	8.0	6	117	-	1
7911	Dance studios, schools, and halls.....	80-7911	A			24.9	22.9	8.0	6	117	S 1	1
792	Producers, orchestras, and entertainers...	80-7920	A	X		138.5	145.7	-5.2	17	354	-	4
7922,9	Producers, orchestras, and entertainers..	80-7929	A			138.5	145.7	-5.2	17	354	S	45
793	Bowling centers.....	80-7930	A	A	1988	94.3	94.0	.3	20	633	-	1
7933	Bowling centers.....	80-7933	A			94.3	94.0	.3	20	633	S	1
794	Commercial sports.....	80-7940	A	X		91.7	97.5	-6.3	28	287	-	3
7941,8	Commercial sports.....	80-7948	A			91.7	97.5	-6.3	28	287	S	35
799	Miscellaneous amusement and recreation services.....	80-7990	A	A	1988	789.6	718.9	9.0	25	2,875	-	15
7991	Physical fitness facilities.....	80-7991	A	A	1988	129.4	121.0	6.5	12	247	S 1	35
7992	Public golf courses.....	80-7992	A	X		39.4	36.9	6.3	16	255	S 1	25
7993	Coin-operated amusement devices.....	80-7993	A	X		35.8	27.7	22.6	15	154	S 1	35
7996	Amusement parks.....	80-7996	A	X		91.2	81.6	10.5	38	81	S 1	1
7997	Membership sports and recreation clubs...	80-7997	A	A	1988	238.4	235.6	1.2	29	1,467	S 1	35
7999	Amusement and recreation, nec.....	80-7999	A	X		255.4	216.1	15.4	24	671	S 1	35
80	Health services.....	80-8000	A	A	1958	8,659.6	8,766.7	-1.2	37	15,106	-	45
801	Offices and clinics of medical doctors....	80-8010	A	A	1972	1,493.6	1,524.4	-2.1	16	3,628	-	4

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			Pro- duced	Pub- lished		Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
8011	Offices and clinics of medical doctors...	80-8011	A			1,493.6	1,524.4	-2.1	16	3,628	S	45
802	Offices and clinics of dentists.....	80-8020	A	A	1982	549.3	553.6	-.8	3	1,755	-	3
8021	Offices and clinics of dentists.....	80-8021	A			549.3	553.6	-.8	3	1,755	S	35
803	Offices and clinics of osteopathic physicians.....	80-8030	A	X		45.4	45.5	-.2	4	156	-	1
8031	Offices and clinics of osteopathic physicians.....	80-8031	A			45.4	45.5	-.2	4	156	S	1
804	Offices and clinics of other health practitioners.....	80-8040	A	A	1972	344.7	345.3	-.2	4	955	-	5
8041,2	Offices and clinics of chiropractors and optometrists.....	80-8042	A	B	1988	151.5	153.1	-1.1	3	535	S	25
8043	Offices and clinics of podiatrists.....	80-8043	A	X		25.8	27.1	-5.0	2	77	S	1
8049	Offices and clinics of health practitioners, nec.....	80-8049	A	X		167.4	165.1	1.4	6	343	S	25
805	Nursing and personal care facilities.....	80-8050	A	A	1972	1,557.0	1,589.1	-2.1	36	4,159	-	8
8051	Skilled nursing care facilities.....	80-8051	A	B	1982	1,113.2	1,131.4	-1.6	37	2,989	S	35
8052	Intermediate care facilities.....	80-8052	A	A	1988	219.1	227.0	-3.6	34	667	S	35
8059	Nursing and personal care, nec.....	80-8059	A	B	1988	224.7	230.7	-2.7	30	503	S	25
806	Hospitals.....	80-8060	A	A	1958	3,775.8	3,807.6	-.8	58	2,491	-	12
8062	General medical and surgical hospitals...	80-8062	A	B	1982	3,473.4	3,500.5	-.8	60	2,211	S	85
8063	Psychiatric hospitals.....	80-8063	A	B	1982	99.0	102.7	-3.7	28	121	S	25
8069	Specialty hospitals, excluding psychiatric.....	80-8069	A	B	1982	203.4	204.4	-.5	47	159	S	25
807	Medical and dental laboratories.....	80-8070	A	B	1982	185.3	189.2	-2.1	21	503	-	4
8071,2	Medical and dental laboratories.....	80-8072	A			185.3	189.2	-2.1	21	503	S	45
808	Home health care services.....	80-8080	A	A	1988	438.4	450.7	-2.8	20	690	-	3
8082	Home health care services.....	80-8082	A			438.4	450.7	-2.8	20	690	S	35
809	Health and allied services, nec.....	80-8090	A	X		270.1	261.3	3.3	26	769	-	5
8093	Specialty outpatient clinics, nec.....	80-8093	A	X		179.5	175.3	2.3	29	506	S	35
8092,9	Kidney dialysis centers, and health and allied services, nec.....	80-8099	A	X		90.6	86.0	5.1	21	263	S	25
81	Legal services.....	80-8100	A	A	1972	917.0	922.4	-.6	17	3,794	-	4
811	Legal services.....	80-8110	A			917.0	922.4	-.6	17	3,794	-	4
8111	Legal services.....	80-8111	A			917.0	922.4	-.6	17	3,794	S	45
82	Educational services.....	80-8200	A	B	1958	1,771.4	1,841.5	-4.0	48	3,404	-	17
821	Elementary and secondary schools.....	80-8210	A	B	1972	496.3	489.6	1.3	22	1,608	- 7	5
8211	Elementary and secondary schools.....	80-8211	A			496.3	489.6	1.3	22	1,608	S	55
822	Colleges and universities.....	80-8220	A	B	1958	1,071.1	1,139.2	-6.4	67	921	- 7	3
8221,2	Colleges and universities.....	80-8222	A			1,071.1	1,139.2	-6.4	67	921	S	35
823	Libraries.....	80-8230	A	X		14.3	19.5	-36.4	31	185	-	2
8231	Libraries.....	80-8231	A			14.3	19.5	-36.4	31	185	S	25
824	Vocational schools.....	80-8240	A	B	1982	75.9	77.6	-2.2	19	322	-	4
8243,4,9	Vocational schools.....	80-8249	A			75.9	77.6	-2.2	19	322	S	45
829	Schools and educational services, nec....	80-8290	A	X		113.8	115.6	-1.6	14	368	-	3
8299	Schools and educational services, nec....	80-8299	A			113.8	115.6	-1.6	14	368	S	35

See footnotes at end of table.



Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program

1987 SIC Code	Industry	BLS tabu- lating code	Basic Pro- duced	series Pub- lished	Begin- ning date of pub. AE	March 1993					Est. No. and met- hod of strata	
						Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
83	Social services.....	80-8300	A	A	1972	2,045.6	2,044.0	.1	26	7,333	-	24
832	Individual and family services.....	80-8320	A	A	1988	554.7	546.9	1.4	26	1,981	-	4
8322	Individual and family services.....	80-8322	A			554.7	546.9	1.4	26	1,981	S	45
833	Job training and related services.....	80-8330	A	A	1982	268.0	284.0	-6.0	39	947	-	4
8331	Job training and related services.....	80-8331	A			268.0	284.0	-6.0	39	947	S	45
835	Child day care services.....	80-8350	A	A	1972	480.4	474.7	1.2	15	1,710	-	4
8351	Child day care services.....	80-8351	A			480.4	474.7	1.2	15	1,710	S	45
836	Residential care.....	80-8360	A	A	1982	554.4	559.8	-1.0	28	1,783	-	8
8361	Residential care.....	80-8361	A			554.4	559.8	-1.0	28	1,783	S	85
839	Social services, nec.....	80-8390	A	A	1988	188.1	178.6	5.1	29	912	-	4
8399	Social services, nec.....	80-8399	A			188.1	178.6	5.1	29	912	S	45
84	Museums and botanical and zoological gardens.....	80-8400	A	B	1988	68.5	69.0	-.7	38	414	-	3
841,2	Museums and botanical and zoological gardens.....	80-8420	A			68.5	69.0	-.7	38	414	-	3
8412,22	Museums and botanical and zoological gardens.....	80-8422	A			68.5	69.0	-.7	38	414	S	35
86	Membership organizations.....	80-8600	A	C	1972	2,012.0	1,938.8	3.6	10	5,175	-	21
861	Business associations.....	80-8610	A	B	1982	104.0	102.8	1.2	18	808	-	4
8611	Business associations.....	80-8611	A			104.0	102.8	1.2	18	808	S	45
862	Professional organizations.....	80-8620	A	A	1972	52.9	52.7	.4	31	322	-	3
8621	Professional organizations.....	80-8621	A			52.9	52.7	.4	31	322	S	35
863	Labor organizations.....	80-8630	A	B	1982	141.7	134.4	5.2	13	948	-	4
8631	Labor organizations.....	80-8631	A			141.7	134.4	5.2	13	948	S	45
864	Civic and social associations.....	80-8640	A	B	1982	421.3	417.4	.9	24	2,035	-	5
8641	Civic and social associations.....	80-8641	A			421.3	417.4	.9	24	2,035	S	55
866	Religious organizations.....	80-8660	A	X		1,195.3	1,149.9	3.8	2	609	-	1
8661	Religious organizations.....	80-8661	A			1,195.3	1,149.9	3.8	2	609	S	1
865,9	Political and membership organizations, nec.....	80-8690	A	X		96.8	81.6	15.7	23	453	-	4
8651,99	Political and membership organizations, nec.....	80-8699	A			96.8	81.6	15.7	23	453	S	45
87	Engineering and management services.....	80-8700	A	A	1988	2,525.2	2,520.2	.2	22	7,390	-	41
871	Engineering and architectural services....	80-8710	A	A	1958	749.3	760.4	-1.5	24	2,877	-	11
8711	Engineering services.....	80-8711	A	A	1988	591.0	600.0	-1.5	26	2,003	S	55
8712	Architectural services.....	80-8712	A	A	1988	112.2	114.2	-1.8	16	581	S	35
8713	Surveying services.....	80-8713	A	A	1988	46.1	46.2	-.2	11	293	S	35
872	Accounting, auditing, and bookkeeping....	80-8720	A	A	1972	530.0	522.7	1.4	16	1,664	-	5
8721	Accounting, auditing, and bookkeeping....	80-8721	A			530.0	522.7	1.4	16	1,664	S	55
873	Research and testing services.....	80-8730	A	A	1988	565.3	557.6	1.4	35	1,332	-	13
8731	Commercial physical research.....	80-8731	A	A	1982	239.6	231.0	3.6	40	372	S	45
8732	Commercial nonphysical research.....	80-8732	A	A	1988	102.5	102.4	.1	20	246	S	35
8733	Noncommercial research organizations....	80-8733	A	A	1982	142.7	142.7	0	47	412	S	55
8734	Testing laboratories.....	80-8734	A	X		80.5	81.5	-1.2	20	302	S	1

See footnotes at end of table.



Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program

1987 SIC Code	Industry	BLS tabu- lating code	Basic series		Begin- ning date of pub. AE	March 1993					Est. net- hod	No. and type of strata
			Pro- duced	Pub- lished		Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
874	Management and public relations.....	80-8740	A	A	1988	680.6	679.5	.2	12	1,517	-	12
8741	Management services.....	80-8741	A	A	1988	258.9	263.2	-1.7	9	636	S	45
8742	Management consulting services.....	80-8742	A	A	1988	222.8	222.6	.1	9	461	S	35
8743	Public relations services.....	80-8743	A	A	1988	31.4	31.1	1.0	10	100	S	25
8744	Facilities support services.....	80-8744	A	X		66.3	64.4	2.9	35	101	S	1
8748	Business consulting, nec.....	80-8748	A	X		101.2	98.2	3.0	12	219	S	25
89	Services, nec.....	80-8900	A	A	1988	40.8	42.1	-3.2	13	226	-	2
899	Services, nec.....	80-8990	A			40.8	42.1	-3.2	13	226	-	2
8999	Services, nec.....	80-8999	A			40.8	42.1	-3.2	13	226	S	25
99	Nonclassifiable establishments.....	80-9900	A	X		133.9	142.5	-6.4	0	0	-	1
999	Nonclassifiable establishments.....	80-9990	A			133.9	142.5	-6.4	0	0	-	1
9999	Nonclassifiable establishments.....	80-9999	A			133.9	142.5	-6.4	0	0	K	1
	Government.....	90-0000	B	B	1939	19,145	19,170	-.1	77	29,260	-	55
	Federal.....	91-0000	B	B	1939	2,926	2,926	0	100	5,299 8	-	14
	Executive.....	91-9100	B	C	1939	2,860.0	2,860.0	0	100	(8)	-	3
	Department of Defense.....	91-9110	B	C	1939	890.5	890.5	0	100	(8)	U	1
	U.S. Postal Service.....	91-9120	B	C	1939	777.2	777.2	0	61	2,178 8,9	U	1
	Other executive agencies.....	91-9130	B	C	1939	1,192.3	1,192.3	0	100	(8)	U	1
	Legislative.....	91-9500	B	C	1939	38.3	38.3	0	100	(8)	U	1
	Judicial.....	91-9600	B	C	1939	27.7	27.7	0	100	(8)	U	1
	Manufacturing activities.....	92-3000	B	C	1975	93.8	98.3	-4.8	2	37 9	-	3
	Small arms ammunition and ordnance.....	92-3480	B	X		16.9	17.4	-3.0	96	11 9	S	1
	Ship building and repairing.....	92-3730	B	C	1975	54.6	56.4	-3.3	11	13 9	S	1
	Other manufacturing.....	92-3999	B	X		22.3	24.5	-9.9	85	13 9	S	1
	Transportation and public utilities, except Postal Service.....	92-4000	B	C	1975	31.1	33.5	-7.7	69	31 9	S	1
	Trade division.....	92-5000	B	X		70.1	72.7	-3.7	51	81 9	S	1
	Finance division.....	92-7000	B	X		32.8	33.6	-2.4	11	35 9	S	1
	Services division.....	92-8000	B	C	1975	383.6	394.0	-2.7	70	491 9	-	2
	Hospitals.....	92-8060	B	C	1975	230.8	238.1	-3.3	80	148 9	S	1
	Other services.....	92-8999	B	X		152.8	155.9	-2.0	53	343 9	S	1
	All other Federal Government, except Postal Service.....	92-9999	B	X		1,471.4	1,486.8	-1.0	58	2,446 9	S	1
	State and local government.....	93-0000	B	(4)		16,219	16,244	-.2	73	23,961	-	41
	State government 10.....	94-0000	B	B	1955	4,581	4,563	.4	85	5,977	-	21
	State government, except education.....	94-1000	B	C	1955	2,628.4	2,615.4	.5	80	4,957	-	13
	Construction.....	94-2000	B	X		84.7	83.6	1.3	66	39	S	1

See footnotes at end of table.

Table 1. An Outline of Series Available and Estimating Methods, BLS Current Employment Statistics Program

1987 SIC Code	Industry	BLS tabu- lating code	Basic series Pro- duced	Begin- ning Pub- lished pub. AE	March 1993					Est. No. and met- hod of strata		
					Bench- mark employ- ment	Esti- mated employ- ment	Per- cent error	Sample Percent cover- age	Number of reports			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	Transportation and public utilities.....	94-4000	B	X		48.7	48.3	.8	7	82	5	1
	Services.....	94-8000	B	X		2,717.6	2,706.9	.4	85	1,895	-	11
	State government hospitals.....	94-8060	B	B	1972	414.3	417.6	-.8	67	269	5	1
	State government education.....	94-8200	B	B	1955	1,952.6	1,947.6	.3	93	1,020	5	BR5
	Social services.....	94-8300	B	X		212.0	203.1	4.2	67	299	5	1
	Services, except hospitals, education, and social services.....	94-8500	B	X		138.7	138.6	.1	60	307	5	1
	General administration, including executive, legislative, and judicial functions.....	94-9000	B	B	1972	1,730.0	1,724.2	.3	86	3,961	5	BR5
	Local government ll.....	95-0000	B	B	1955	11,638	11,681	-.4	69	17,984	-	20
	Local government, except education.....	95-1000	B	C	1955	4,957.7	4,993.6	-.7	68	10,752	-	12
	Transportation and public utilities.....	95-4000	B	B	1972	452.3	445.3	1.5	51	950	5	1
	Services.....	95-8000	B	X		7,718.1	7,751.1	.4	66	8,373	-	11
	Local government hospitals.....	95-8060	B	B	1972	670.3	686.5	-2.4	59	706	5	1
	Local government education.....	95-8200	B	B	1955	6,680.1	6,686.9	-.1	69	7,232	5	BR5
	Social services.....	95-8300	B	X		123.2	135.9	-10.3	27	156	5	1
	Services, except hospitals, education and social services.....	95-8500	B	X		244.5	241.8	1.1	18	279	5	1
	General administration, including executive legislative, and judicial functions.....	95-9000	B	B	1972	3,467.4	3,484.1	-.5	78	8,661	5	BR5

- 1 Seasonal correction factors are used to modify the sample links of series projected from benchmark levels based on the seasonal patterns of employment in previous years.
- 2 Special series for average hourly earnings, including lump-sum payments are coded under group code 31-3722 for SIC 3721 (aircraft manufacturing) and group code 31-3762 for SIC 3761 (guided missiles and space vehicles). Average weekly earnings series are not published for these aerospace industries.
- 3 Less than 0.05 percent.
- 4 Series are available in LABSTAT and are usually published only in historical bulletins on national employment, hours, and earnings.
- 5 A complete count of employment is provided monthly by the Interstate Commerce Commission. Hours and earnings estimates are derived from a sample.
- 6 Data not available.
- 7 Employment estimates for all employees, women, and nonsupervisory workers are derived from the sample. Estimates for hours and earnings are derived from other sources of information.
- 8 A complete count of employment is provided monthly by the Office of Personnel Management.
- 9 A sample of Federal establishments is used to derive estimates by industry. For postal workers, the sample is used for national estimates of women workers and for State and metropolitan area estimates only.
- 10 State government, excluding education (94-1000), plus State government education (94-8200) aggregate to State government (94-0000). Also, State government construction (94-2000); transportation and public utilities (94-4000); services (94-8000); and general administration, including executive, legislative, and judicial functions (94-9000) aggregate to State government (94-0000).
- 11 Local government, excluding education (95-1000), plus local government education (95-8200) aggregate to local government (95-0000). Also, local government transportation and public utilities (95-4000); services (95-8000); and general administration, including executive, legislative, and judicial functions (95-9000) aggregate to local government (95-0000).

NOTE: Nec is an abbreviation for "not elsewhere classified" and designates broad categories of industries which cannot be more specifically identified.

**END**

**11/16/94**